A Bibliography of Publications about *PVM* (**Parallel Virtual Machine**) and *MPI* (**Message Passing Interface**)  
Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA  
Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/  
06 April 2022  
Version 3.253

**Title word cross-reference**

+ [BDV03, Cha02, HDB+13, Lee12]. 0  
[ICC02]. 1 [ICC02, LRQ01, VDL+15].  
$\mathbf{19.95}$ [Ano95b]. 2  
[Bha98, BAS13, CGU12, ES11, KRKS11, KO14, WMRR17, WRMR19].  
$\mathbf{24.95}$ [Ano95c]. 3  
[And98, BCL00, BAS13, CP15, DYN+06, EFR+05, GCN+13, HF14a, HF14b, JR10, KO14, KD13, KHS01, KLR16, MSZG17, NSM12, SSS99, SC19, SH14, TPD15, WR01, YSL+12].  
$\mathbf{35}$ [Ano00a, Ano00b]. $\mathbf{35.00}$  
[Ano99a, Ano99c, Ano99b, Ano99d]. 3  
[KA13]. $\mathbf{860}$ [Ano00a, Ano00b]. 3 [PBC+01].  
A [ARYT17]. $\alpha$ [JMdvG+17]. $Ax = b$  
[BG95].  
$D$ [UZC+12]. $H^2/H\infty$ [GWC95]. $hp$  
[BCM+16]. $k$ [She95, TK16]. $\leftrightarrow$ [GRW+19].  
$M^3$ [JSH+05].  
$PVM^+$ [Wil94].  
$N$  
[IHM05, Per99, Rol08b, SP99, SRK+12].  
$P_N$ [OGM+19].  
$P_{N-2}$ [OGM+19].  
SU(3)  
[BW12]. $t$ [MPZ21]. $\tau$  
[RGDM15, RGDML16]. $XY$ [KO14].  
* [MMAH20].  
- based [Rót19]. - body  
[IHM05, Per99, SP99, SRK+12].  
-D  
[DYN+06, SSS99, SH14, Bha98, ES11, KHS01, NSM12]. - **Dimensional** [LRQ01].  
- Lop [RGDM15, RGDML16]. - Means  
[TK16]. - Queens [Rol08b]. - set [She95].  
-SNE [MPZ21]. - stable [JMdvG+17].  
. [Wil94].  
/Fortran [TBG+02]. /many [KSG13].
/MPI [BKK20]. /OpenMP [VDL+15].

'00 [RV00].

1 [HMKV94, SOHL+98], 1/Pascal [GDS+20], 10 [LLVM21a], 10-Gigabit [HeF05], 100 [Str94], 1007 [AEW+20], 100k [Sc19], 1012 [CWL+20], 1016 [HFB21], 10th [DLO03, Bil95], 13th [Ano95d, MTWD06, PSB+94], 15-18 [SL94a] 15th [IEE95i, LKD08] 16th [RWD09], 17th [KGRD10, MC94], 1990 [ACM90], 1991 [DE91, EJL92, IEE91], 1992 [KG93, R+92, VW92], 1993 [Ano94c, GGK+93, IEE93a, IEE93e, JPT94, MMH93], 1994 [Ano94a, Ano94e, DSZ94, DT94, GN95, GT94, HK95, IEE94h, PSB+94, SPE95, SPH95, VV95].

1995 [ACM95a, ACM96a, AGH+95, BH95, Cat95, Ham95a, IEE95b, IEE95a, IEE95d, IEE95h, IEE95i, JBB96, NM95, Nar95, Ten95, UCW95, ZL96].

1996 [ACM96b, Abr96, Boi97, ERS96, IEE96f, IEE96e, IEE96i, Ree96].

1997 [ACM97a, ACM97b, ACM97c]. 198th [TBD12, IE905]. 1st [Abr96, BR95a, CGB+10, Kum94, Van95, Fer92].

2 [AKL99, BCAD06, BHS+02, BMPZ94a, CwCW+11, CD96, DPD08, FST98a, FST98b, GF003, GHG+96, GT01, GILL+98, GLUT99, GTO00b, HGMW12, Jon96, LC97b, LSK04, MS02a, MK04, PSS99, SSL97, TRH99, VAT95, bT01a], 2-D [BMPZ94a], 2.0 [Bae20, BO01, LPD+11, LW97, Mat00b, NSM12, RS22, WY+21], 2.2 [HRR+11], 2.X [K96].

2000 [ACM00, CLBS17, LL01, LSK04, NU05, RV00, ZSnH01].

2001 [ACM01, Old02]. 2003 [ACM03, AS14, Don06, OL05].

2004 [ACM04].

2005 [ACM05, DKD07].

2006 [ACM06a, MTW07].

2007 [SM07].

2008 [SMCH15].

2010 [CGB+10].

2011 [LCK11].

2012 [Hol12, TB14].

2015 [IS16].

2017 [GT19].

2019 [TH20].

2021 [RWD09].

21st [IEE95a, Ano93a, SL94a], 27th [Ano94h], 28th [ZL96], 2D [TPV20, ZZZ+15], 2D-DWT [ZZZ+15].

2nd [FK95, IEE93c, Nag95].

90 [Ben95, SM03]. 9076 [Bri95]. 91 [BG91, EJL92, IEE91]. 92 [Sie92a, Sie92b, VW92]. 93 [Ano93a, GKK+93, GHH+93, IEE93a, IEE93c]. 93SC038 [FS93]. 93SC041 [Gle93]. 94 [BS94, DW94, GT94, IEE94b, IEE94h, PSB+94, SPE95, WPH94, dGJM94]. 947 [LTDD14]. 95 [ACM95b, AH95, BH95, CLM+95, CJNW95, DMW96, FF95, HAM95b, IEE95i, Lev95, NM95, Van95, Ano98, FD97, KaM10]. 95/NT [FD97]. 96 [ACM96b, ACM96c, BDLS96, BFMR96, CH96, IEE96d, IEE96e, IEE96d, LHMM96, Li96, Sil96, Was96, YH96]. 97 [ACM97a]. 978 [Che10, SD13]. 978-0-12-415933-4 [SD13]. 981 [Riz17]. 997 [Spe19]. 9th [IEE95f, Kra02, YH96].
Adaptive-CoMPI [FSC+11].
Adaptive-Length [FLS20]. Adas [HHC+18]. Adding
[CB00, GRV01, PSM+14]. Address
[SS01, D096]. addresses [CGL+93]. ADDT [SR96]. ADI [Sch01]. adjacent
[Kan12]. adjacent [RMNM+12]. Adjusting
[GSHL02]. ADOL [BGK08]. ADOL-C [BGK08]. adoption
[CMV+94]. Adsmith [LKL96]. Advanced
[Ano98, Ano00a, D+95, Gei96, Gei97,
GLT99, GLT00a, GLT12, KG93,
SSAS12, TG94, Ben95, DMK19]. Advances
[Bha93, BBH+08, CDND11,
KGRD10, KK02a, LKH+20, LK10,
MTW06, RWD09, TBJ2, AD98,
BC14, BDW97, CD01, DKD05,
DLM99, DKP00, DLO03, HPS+12,
HPS+13, IEE97a]. Advection
[AKK94, CT94a, CT94, CT94b].
Advection-Chemistry [AKK+94].
Advisor [GVF+18]. Aerospace [MAB05].
AES [HMK19]. Affine [DMB16]. Affinity
[ETWaM12, AGG+95, NAAL01, vdP17]. Affordable [Rol94]. After [DF21]. again
[Har94]. against [GHD12]. Age
[MdS09, Ano94f, GLT11, HK95]. AGEB
[SS01]. Agent
[Mat01b, MCB05, ZWZ+95]. agent-based
[MCB05], agents [KBA20]. Aggregation
[KLH+20]. Aging [LRBG15].
Aging-Aware [LRBG15]. AIMS [Yan94].
Air [AKK+94, BZ07, MPD04, MSL10,
BTC+17, SH94, Syd94]. airspace [TCP15].
Aix [GA96, Ano95]. Aix-les-Bains
[GA96]. Al [Ano95b, NMC95]. Alamos
[Old02]. Albuquerque [IEE91, IEE95d].
Alchemist [GRW+19]. ALDY [GS96].
ALE [HAA+11]. Algebra
[BTD08, CDD+13, Coo95b, DHG+19, IS16,
MGMH97, Neu94, van97, BKvH+14, Cal94,
Coo95a, LRLG19, PMZM16, VLMC+20,
dCH93]. Algebraic [CGPR98, Lev95].
Algorithm [AEW+20, AII+21, ACMR14,
BST+13, BP99, BT01b, DY+06, FJBB+00,
HA10, HD02b, ITT02, MW98, MPZ21,
Per21, PKD95, PB12, RDM99, Ro19,
SAS01, SGH19, SSLM10, SWH15, Sta95b,
TK16, WHDB05, ZJHS20, ZWL21, ART17,
AAAS16, ARL+94, AD95, BBC+19, BB95a,
BAV08, BY12, BCM+16, CCM95, CT13,
CSW99, GM94, GCN+13, GLT+08, GKK09,
GP95, HWS09, IM95, JPL22, JR13,
KDSO12, KY10, KWEF18, Kan12, KBP16,
KN17, KO14, Kom15, KRC17, LYP19,
LYZ13, MM92, MLVS16, MK00, NB96,
NA99, OKW95, OGM+19, OMK09,
PGBF+07, PSLT90, Ram07, RJ95,
RAGJ95, Sch96b, SOA11, SOYHDD19,
Sur95a, TNB17, TSCS14, TGKL19, Was95a,
YULMT+17, ZSK15, ZWL+17, dH94,
van93, AEW+20, CWL+20, HFB21, HWS09,
LTDD14, Riz17, Spec19, SMSW06].
Algorithm-based [PKD95].
Algorithm-Dependant [BP99].
Algorithmic [Stp20, HHS19, RJDH14].
Algorithms
[ACM95b, ATC94, ADRC98, ABG20,
ASA97, CDT05, CCMS97, DK20, DALD18,
DAK98, DK06, FB94, GAMR00, GK10,
HO14, HHHK94, IEE96d, KTAB+19, KKO2a,
LHNN96, L96, LAD16, ILM+H+21, MTSS94,
MGHH97, MBS15, Nar95, Pet97, PBK00,
Pro21, SG15, SGS+21, VRS00, AK99, AL92,
BH96, BMS+17, BID95, DDL95, FR95,
FP92, GWC95, H17, HPLL99, HKO11,
HS95b, JKN22, Jot94, JRM+94, KF95,
KRG13, LFL11, LNW+12, LRLG19,
MTK16, MJG+12, NP12, Ols95, PP16,
Pan95b, PBK99, PD11, PCS94, RHG+96,
SPE95, Sur95b, TSSC94, WCVR96, YLZ13].
alias [SOA11]. alias-free [SOA11]. aligned
[AGS94]. Aligners [SMM+16]. Alignment
[dOSMM+16, AMH11]. All-gather
[Pro21]. all-port [RJMC93]. All-to-All
[LZH17, LZH18, Tri02b]. Allgather
[KTAB+19]. Allgatherv [KTAB+19].
Allocation
Applications [Wis96a, WSN99, WBH97, WM01, dGJM94, AC07, ACH11, ACC21, ACJ12, Ano93a, Ano94f, Ano03, ABB20, Ara95, Arn95, ASB18, AGM06, BAE22, BKH13, BR04, BDV03, BAG17, BFM96, BFMT96a, CGK16, CGBS15, CDMS15, CLE20, CLSP07, CBM08, CZP21, CIJ10, CFPS95, CCHW03, CCM06, DZ98a, DSZ94, DPFT19, D+95, DCHO2, EKTB99, EGH99, EDSV09, FE17a, FE17b, FNSW99, FCS12, Fin94, Fin95, FFF95, GBR15, GS00, GHD12, GJMM18, GS96, GSM16, HD00a, HZ99, HAJK01, JC17, JPT94, KC19, KSC19, LRG16, LG01, LMG17, LBB19, LGM20, LZHY19, LS08, MA09, MBKM12, MLMC04, MSCM15, MS96b, NSBR07, NCB12, NFG10, PK05, PTL16, Rab99, RS95, RGGP18, RGP22, SJLM14, SPE95, SB12, SDJ17, SGGH12, SG05, SPBR20, SIC19, SLGB01].

Approach [AZG17, BHM94, BJ93, BHNW01, CRGM14, CD98, DLM+17, FFP03, GCBL12, HMKG19, HD00b, KBA02, KK02a, KMD10, LGM00, Mar06, PPR01, Pet00a, Pet00b, RGD13, Ros13, SDR21, TJPF12, BK11, BIS04, BTC17, CLYC16, CDP99, CRGM16, DiN96, EO15, FMS15, HDB13, JS13, KPL12, KSS07, KJEM12, LG20, MG05, MS99b, NEM17, OHG19, OW92, QM21, SVC11, SEC15, TFST009, VGP19, W009, YW21].

Approaches [JCH08, Nye00, SWHP05, SM02, AKB19, BFL09, CB11, PS00b].

ApproxHPVM [SSH19].

Approach [JCH08, Ney00, SWHP05, SM02, AKB19, BFL09, CB11, PS00b].
FGT96, FGG\textsuperscript{+98}, KHB\textsuperscript{+99}, Qu95].

area-based [Qu95]. arising [ARvW03].

Aristotle [FSV14]. Arithmetic
[Ano98, JPT14, Sur95a]. Arithmetics
[HD00b, HD00a]. Arizona [IEE95b, JB96].

ARM [AFGR18, MGL\textsuperscript{+17}]. ARM-based
[AFGR18]. Array [DDPR97, HD02b, LTS16, MYK19, WGI7, CCM12, DK13, HSE\textsuperscript{+17}, JKN\textsuperscript{+13}, Ott93, TOC18, Wal02].

d arrays [HCL05, RBS94].

Arria [LLVM21a, LLVM21b]. Arrival
[FPY08, Pro21, MLVS16]. art [LF93b].

artifact [ZZZ\textsuperscript{+15}]. Artificial
[BPG94]. ARTUR [FJBB\textsuperscript{+00}].

ARVO [BHW\textsuperscript{+12}]. ARVO-CL
[BHW\textsuperscript{+12}]. ary [Pan95a].

Asson [DR94]. Ashes [Thr99]. ASL
[FGRT00]. ASME [LF93a]. aspects
[CG99a]. Assembly [PGF18, TPD15].

Assessing [LMG17, dLR04, MABG96, TSCaM12, CMV\textsuperscript{+94}].

Assessment
[Mat01b, TAH\textsuperscript{+01}, Boi97, LH98, LSB\textsuperscript{+20}].

Assignment [Cza13, CK99]. assist [Kik93].

Assisted
[GAH95, Ara95, USE00, UCW95]. ATM
[GFV99, HBT95, Jon96, LHD\textsuperscript{+94}, LHD\textsuperscript{+95}].

Atmosphere
[BS93]. Atmospheric
[HK93, KHBS19, RSBT95]. atom
[MMG05, SPBR20]. atom-based
[SPBR20]. Atomic
[LRT07, LFA15, SYF96, DS13, Hin11, SY95, XF95]. atomics
[BDW16]. atoms
[JLS\textsuperscript{+14}]. Attacks
[PV97, GHD12]. attempt
[GM18]. Attraction
[GB96]. attribution
[GADM20]. audio
[BJ13].

Augmented
[GFJT19]. Augmenting
[TL19]. August
[ATC94, Agr95a, BFM96, DMW96, GT94, HAM95b, IEE94g, IEE95k,
MJB15, Pan14, ZLP17, BLVB18, CLA+19, CGH+14, FA18, GMA20, GH212, HJYC10, HG12, JKN+13, KBG16, MBBD13, MSMC15, MAAH20, SHM+12, SSH+19, SPK+12, WRSY16. awareness [HK09, VGS14]. AXAF [NH95]. AXC [CBGL19]. azTotMD [RS22].

B [Ano01a]. Back [BIC+10]. Backend [IOK00]. backing [PGdC9+18].

Backup [Gua16]. Bains [GA96]. Balance [HE02]. balanced [EZBA16]. Balancing [BkISho1, DBA97, DI02, DK06, FSG19a, GCB12, KSB+20, MM02, PT01, Pus95, ST97, Wal01a, Bir94, BS05, DZ96, DLR94, DvdLV94, DR95, FM96, FH97, Hum97, JM97, MM03, NP94, SGS95, SY95].

Balatonfured [DKP00]. balls [BBH+15].

Baltimore [IEE02, SPH95]. Bamboo [NCB+12]. banded [DG95]. Bandwidth [NE01, RK01].

Bangalore [Kum94, PBPT95]. Barbara [ACM95b, AH95, IEE95f].

Barcelona [DLM99]. Barnes [MPZ21].

BARRACUDA [EPP+17]. Barrier [CLD15, SDB+16, YLZ13].

Based [Ada97, AHD12, AAB+17, ABC20, AP96, BHW+17, BDG+91b, BBD+20, BoFWB00, CAM12, CGC+02, CLOL18, CLP+99, CPM03, DW02, DZL219, DZL22].

DBK+09, FSC+11, FC05, Fz95, FLS98, GSxx, GFJT19, HF14a, HF14b, HM01, Hus00, KL16, LS10, LH18, kL11, LP04, LAFA15, MDM17, MGL+17, MMM98, MZLS20, NSLV16, N001, NHT02, NPS12, PPT96a, PCY14, PFG97, PSS01, RDB99, SPL+12, SM03, Sm093a, ST02b, ST97, SJK+17a, SJK+17b, THS+15, TD98, WTTH17, WC09, WZH16, WYH+21, WJG+21, Wis96a, WM01, WJB14, YG96, YTH+12, ZJHS20, ZWJK05, AKB+19, Ada98, AASB08, AAAA16, AWA+16, Ano03, AFG21, ABB20, AFG18, BLPP13, BDG+92a, BLVB18, BCH+03, Brij95, BFM96a, CwCW+11, CC10, CPM+18, CKnWH16, CRM14, CXB+12, DXB96, FE17a, FE17b, FFB99, FJZ+14, FN99, FG099, FLPG18, FCC99, FW5+17].

based [GS91a, GS92, GKS+91b, GA96].

Balancing [BBH+95b].

Bamboo [GA96].

Batch [VLMPS+18]. batched [GP94].

Batching [LML+19].

Bathing [LML+19].

Bayesian [CBS18, Fer10]. BC [IEE95i].

BCS [FFP03]. BCS-MPI [FFP03]. be [CB00].

Beach [IEE93b]. beam [OIH10, RCFS96]. bearings [NF94].

Beguelin [Ano95b, NMC95]. Behavior [BFM97, DePo3, Ros13, FGL+20, LLG12, PPF89, YMY11]. behaviour [EPML90].

Beijing [CZG+08, LHHM96, L96].

Beitrag [Ano94c]. Belgium [LCHS96].

belts [NS20]. Benard [TV96].

Benchmark [BWV+12, DS16, HC10, Luo99, Mü10, MBB+12, RSPM98, RTH00, SGJ+03,
Trä12h, UTyo2, Ano03, BKML95, DWM12, DH95, DH96, MKP22, Mül03, MvWL+10, PHJM11, PSH+20, Ret01, RST02, Wor96, YSWY14. **Benchmarking** [GC05, HCA16, LCY96, MMU99, MCS00, WRA02, RST02].

**Benchmarks** [CRE99, KS96, KAC02, MM07, NAO1, RK01, TSB02, TSB03, WAS95b, ZSnH01, CDD+96, MKP22, MMH99, Ste94, WT11, CE00, WT12].

**Beneficial** [CB00]. **benefit** [DSW96, DS96a, Wal95].

**Blame** [Add01, ARvW03, FMFM15].

**Black** [FSXZ14, Kh13, van93]. **BLACS** [DSW96, DS96a, Wal95]. **blame** [DSGS17].

**BLAS** [Add01, ARvW03, FMFM15].

**BLASTP** [HWW21, LSMW11]. **Blaze** [PWPD19]. **Blaze-Tasks** [PWPD19]. **Block** [ABG20, DDPR97, MYL21, SMM+16, SBB20, SB21, WO95, ZB97, ADDR95, DR18, GP95, HKMCS94, HC08, LYP19, WO96]. **Block-Based** [ABG20].

**Block-Cyclic** [DDPR97, WO95, HKMCS94, HC08, WO96]. **block-tridiagonal** [DR18].

**Blocking** [FH98, BCH+08, HKT+12, Nak03, HTA08, STP+19, TGLK19]. **Blood** [Pat93]. **Blue** [KMH+14, AAC+05, BGH+05, EFR+05, LM13, MV17, MSW+05].

**blurred** [Wil94].

**BMMC** [CC99]. **Boca** [Ed18].

**bodies** [AGIS94, LHLK10]. **Body** [RB01, RTRG+07, IHM05, NS16, Per99, SP99, SRK+12, ADB94].

**BOF** [Mat00a].

**Bolsmann** [OTK15, CGK16]. **Bond** [HLO14, STA20, SD13, Vog13, Vre04, YM97].

**books** [YM97, Nov95]. **Boost** [CVPS19]. **Boosting** [LRG14, SF095]. **Bose** [KLM+19, MBA21].

**Bonn** [MTWD06]. **Book** [Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b, Che10, Edd18, Mar06, Nag05, NMC95, Per97, SD13, Vog13, Vre04, YM97].

**Boundary** [KGB+12, BDG12, KP96, LSM+16, SGS+15, TCBV10].

**Bottlenecks** [MWG97].

**Bottleneck** [BGD12, KP96, LSM+18]. **Bottlenecks** [DSG17, JKHK08].

**Boulevard** [ACM99]. **Bound** [ASA97, SGS+21, CLA+19, MBKM12, ADMV05].

**boundaries** [KGB+09]. **Boundary** [BS21, PTT94, STA20, SBBQZ14, SP11, SD99].

**boundary-value** [SP11]. **Bounded** [CPKG17, MDAS+18, PAdS+17].

**BowMapCL** [NTR16]. **Box** [JR13, JPP95].

**Box-counting** [JR13]. **brackets** [GSMK17].

**Braga** [EE96]. **brain** [VLSP19]. **Branch** [ASA97, LW20, ADMV05].

**Branches** [GS+21]. **Breaking** [OS97]. **breast** [Str94].

**Brest** [EE94c]. **Bridge** [VDL+15].

**Bridges** [DS99]. **Bridging** [ACM04, AAB+17, ASS+17].

**Bringing** [FKKC96]. **Brisbane** [ACDR94, Nar95].

**Bristol** [MC94]. **British** [IEE95a, IEE95b].
[CHPP01, CBPP02, MCS00, SSFG00]. CCp [BB00]. cCUDA [SNN+20]. CE2014 [MBS15]. CEBAF [DZDR95]. Celebrating [EO15]. Cell [DBK+09, SYL19, JMS14, VDL+15, OOS+08, OIS+06].

Cell-Centered [SYL19]. Cells [MRB17].

Cellular [Car07, SC19]. Cenju [GPL+96, KSHS01]. Cenju-3 [GPL+96]. Cenju-4 [KSHS01]. Center [ACM98b, ACM99, ACM00, Ho12, IEE94b].

Centered [SYL19, JPOJ12]. Centers [EGR15]. Centre [IEE95e]. centric [IEE95a]. CERN [VV95]. Cesena [CH96]. Cetarao [D+95, KG93]. cf4ocl [FLMR17]. CFD [SPE95, AMS94, ADT14, CP97, HDZ+20, HAJK01, HT01, JR10, DK02, PBK00, XJR21, YPAE09]. CFD-DEM [ADT14]. CG [ABF+17]. CGM [CDT05].

CGMGRAPH [CDT05]. CGMGRAPH/CGMLIB [CDT05]. CGMLIB [CDT05]. CGPredict [WZM17]. Ch [CNC10]. Chain [AKB19]. Challenge [DGMJ93, MKP22, LB96]. Challenges [Agr95a, Gro01a, Gro12, Ree96, Ten95, Wit16, BDG+92c, GScFM13, WLK+18].

CHAMELEON [KB+20]. Chamfer [YPZC95]. Chandra [Stp02]. Channel [KG97, LBD+96, SG05]. CHAOS [BLW98, JL18]. Characteristic [OMK09].

Characteristics [WR01, WT12, BN00, GL99, WT11].

Characterization [AJC+20, KB98, LCY19, LPJ98, MM07, Wor96]. Characterizing [BCM11, BDGdS09, FLPG18, GScFM13, OdSSP12]. Charge [BL95]. Charm [ZHk06]. Charts [DSS00]. Chebyshev [R6t19]. Check [MC17, LCC+03].

checkerboard [BW12]. Checking [CGZQ13, Gro00, HMK99, LCC+03, MdSAS+18, PaDS+17, RAS16, SMAC08, YYW+12].

Check [SBF+04, CZP21, CRM14, ZWZ05, ZHK06, BDB+13].


Checkpointing [DCH02, LMRG14, SSB+05, TSS00b, BMPS03, BCH+08, CG96, LC MG17, LBB+19, PKD95, SS C95, Ste96].

checkpoints [LFW20]. chemical [NMW93]. ChemIO [NFK98]. Chemistry [AKK+94, NFK98, BR95a, DMW96, SSFG00].

Chemkin [Ano97, Bra97]. CHEMPI [RR01]. Chicago [CGKM11]. China [CGZ+08, IEK97a, LHMM96, Li96]. Chip [Jes93b, URKG12, WYZ+19, TDG13, dCGZ06, MYK19]. Cholesky [DG95, LC97b].


citation [Squ03]. City [Ho12]. civil [PW95]. CL [BH+12, BBH+15, LW95].

CL-PVM [LW95]. CLARRAY [ZT17]. clarified [WBBD15]. CLAS [DZDR95].

Class [AFGR18, DFN12, R6t19, Ste00, Dem96, MSL96, RFH+95]. Classes [De03, GGO9, Ott93]. classic [HL17].

Classical [BCGL97]. Classification [SNN+19, TPLY18]. clauses [WC15].

Clemson [ACM95a]. Client [Ano93f, FSL98, KS97, kLCCW07, Mat01b, HIIG16, Sch93, Sto98, Vis95].

Client-Agent-Server [Mat01b].

Client-Server [FSL98, Sto98, Vis95]. Client-Side [kLCCW07].

Client/Server [Ano93f, Sch93]. climate [Str94]. CLIPS [Ano95a, Ano95c]. clMAGMA [CDD+13].

clock [NB96]. clocks [TPLY18]. CLOMP [BGdS09]. clone [ZWL+17]. Closer [HCZ16].

Closure [CGPR98, KH15, PPR01]. Cloud [HC17, LSB+18, SIS17, URKG12, ZLZ+11, ZLP17].
GFIS^{+18}, GHZ12, GWVP^{+14}, KSC^{+19}, cloud-based [KSC^{+19}], Cluster
[AUR01, BKGS02, BL95, BM97, CRE99, CMM03, HD02a, ES11, GGGC99, Gei94, Gei00, GSN^{+01}, GT01, GC05, HD02b, ITKT00, ID04, KK93, KS96, KS01, LR01, MFTB95, MM01, NO02b, OF00, PFG97, RB01, RsT06, RLL01, SCR92, SHII01, SHTS01, ST02a, TOTH99, TSN21, Trä02b, YCA18, bT01a, AL93, BL93, BALU95, BTC^{+17}, BID95, CCF^{+94}, Con93, ED94, K97, GMV95, He93, KEGM10, KO14, Kom15, LC07, LZZ^{+20}, Liu95, MW93, MM03, NO02a, PDY14, RJDH14, SS94, SR95, ST02b, SLS96, SY95, SSN94, Tho94, THM^{+94}, Tsn95, UH96, YWO95, ZLZ^{+11}, MS04].

cluster-based [SLS96]. Cluster-enabled [SHII01].
Clustering [BBH12, HA10, RJC95, GGL^{+08}, YCL14].
Clusters [MS04].

[AH00, AHP17, AJC^{+20}, BDH^{+95}, BDH^{+97}, BWV^{+12}, CDT05, CLOL18, CSC96, DK06, GDM18, GmdMBD^{+07}, GSY^{+13}, HPP02, HSMW94, HVA^{+16}, HC17, Hus00, JNL^{+15}, LC97a, LI95, LVP04, LHCO05, MS98, MFPP03, Pan14, PK01, PT01, PS00a, Pus95, Re01, dOSMM^{+16}, SF98, SVL99, Ste00, Ton00, UP01, WLNO03, WT12, YWCF15, YKI^{+96}, AB95, ALR94, ADB94, ABG^{+96}, ADMV05, BWT96, BV03, Br95, CRE01, EKTB99, GB95, GDMME22, HCL05, Hus99, JKH08, Jno96, JR10, JRM^{+94}, KLY03, KSL^{+12}, KJEM12, LBD^{+96}, Lee12, LLC13, LL95, LKYS04, NMW93, NN95, PS07, PRS^{+14}, PM95, PR94c, PRS16, PL96, RCFS96, RGDML16, SPB20, Sl05, SC96a, SBR21, SL95, TFZZ12, WLNO06, WLYC12, YST08, YL09, YHL11, YWCI11, ZHS99, dCH93, NWT21]. CM [SBG^{+02}].

CM [Har94, Har95]. CMPI [GHZ12]. CMS [FMS15]. CNF [IKM^{+01}, IKM^{+02}]. CNN [MZL20]. CO [ACM01, AHP17, GDM18, HJ98, SNN^{+20}, PSB^{+19}, TOC18, Wa02].

c-coarray [TOC18, Wa02]. Co-designing [AHP17].
co-execution [PSB^{+19}].

Co-Expression [GDM18]. Co-processed [HJ98]. Co-Scheduling [SNN^{+20}].

Coarray [GBR15, YMCB14]. coarrays [SMCH15, SC19].

Coarse [ADRCT98, IOK00, LGM00, NIO^{+02}, NIO^{+03}, SSK^{+18}, HDZ^{+20}, He93, RJC95].

Coarse-Grain [IK00]. coarse-grained [HDZ^{+20}, He93, RJC95].

Coarse-Grid [SSE^{+18}].
coarsening [PSLT99].

Coast [IS16].

Coastal [GAM^{+02}]. CoCheck [MS96b, Ste96].

Code [AHP01, And98, BCGL97, CB00, CP97, CCK12, CCBPGA15, Cre16, DDL00, DZDR95, HE02, Ka10, KAMAMA17, KHS01, LD01, MMD98, MS92b, MM07, PBC^{+01}, RGD13, SM03, SZBS95a, Sta95b, TGBS05, AMS94, ADB94, AFST95, BCAD06, BADC07, BW12, Bha98, Bri95, Con93, DLR94, EZBA16, FMFM15, GSKM17, He93, IMM^{+05}, JL18, KPL^{+12}, KH10, MGS^{+15}, MRH^{+96}, MW905, PKE^{+10}, PSK^{+16}, RVP95, RZBS95b, SK00, SFLD15, SMSW06, TBD96, VBLvdG08, VDL^{+15}, WLYL20, Wor96, XR21, YL09, ZGZS20, ZT20].

codebooks [PMM95].

Codes [FAFD15, JFY00, SWH15, HTJ^{+16}, HWS09, HASnP00, JPP95, KBG^{+09}, LWR01, Mal01, OLG^{+16}, WB96].

Coding [FLS20, Uhl94, Uhl95b, SCC96].

Coefficients [MW98, ARYT17]. COFFEE [DFS19].

cognitive [PWD^{+12}].

Coherence [MM07].

Coherent [SS01].

Collaborative [DCP12, MZLS20, DCP14].

Collapse [PKYW95].

Collecting [BMR01].

Collection [LTRA02, DH95, MGC^{+15}].

collection-oriented [MGC^{+15}].

Collections [JGFR12].

Collective [BIL99, BIC05, CCA00, FVD00, FCLG07, FP08, GLB00, GMDM^{+07}, Hus99, KH96, KHL^{+20}, MGJ^{+12}, PGAB^{+05}, SG15, TRG05, VFD02, WRA02, BPJ22, FA18,
HS12, HMS+19, HG12, HWW97, KHB+99, KBHA94, KMH+14, LFW20, MBBD13, MB21, Pan95b, PGBF+07, PGAB+07, RJMC93, SCB14, SCB15, SS99, TD99, Trä12a, THMH21, TFZZ12. Collectives [CSW12, SvL99, ZGZS20, DJJ+19, HGXX+22, Zah12]. Collector [GTS+15, WK08a, WK08c, WK08b]. College [AGH+95, Ano94h]. Collision [QRMG96, Sta95b, ART17, FFFC99, LHLK10]. Collocative [MKW11]. Colony [ITT02]. Colorado [R+92, IEE05]. Colt [WN10]. Commerce [Ano94f]. Commercial [Ano93h]. Commodity [GGL+08]. Common [HEH98, Per21, DK13, WLR05]. Communicating [FKK+96b, GMPD98, FKK96a]. Communication [ABF+17, AJC+20, BCG+10, BIL99, BIC05, DCPJJ12, DZZY94, EM02, FST98a, FJK+17, FGT97, FBNS01, GF03, GSD99, GMAD20, GFV99, GLB00, GC05, HBH96b, HC10, HDB+12, HC06, HIP02, KB98, KV98, KBBG16, LRT07, LC93, LBB+21, LCVD94a, MH01, MMW98, MR96, Ni00, PLK+04, RK01, RRAGM97, RS06, SWHP05, SCP97, SGH12, SBG+02, SJ02, ST02b, SGL+00, SKH96, Sum12, TRG05, TGT05, TRH00, Trä02b, UMK07, WBH97, XH96, YC98, ZSG12, AC07, FH98, BJVH96, BVML12, BBH+13b, BS94, BMG07, CAHT17, CGL+93, Dem96, DWM12, DCPJJ14, DGB+14, DDB+16, DS96b, DWS+21, G97, GM13, Gra97, GL94, GB94, HB96a, HWX+13, Hus99, HWW97, KH96, KB01, KYL03, KLY05, KHB+99, LR06b, LFL11, MLAV10, MMU99, MABG96, OGM+16, Pan95b, Par93, PGK+10]. communication [PM95, PKE+10, PSK+10, PS00b, RS21, SH14, SG95, TG09, TGKL19, Trä12a, THMH21, Ve04, WK20, WU99, WMP14]. Communication-avoiding [GBK+18]. Communication-aware [GMA20]. communication-based [PGK+10]. Communication-buffers [MR96]. Communication/Computation [HIP02]. Communications [BPS01, CP98, CDHL95, CDH+95, VFD00, FST98b, GT01, GBS+07, GMdMBD+07, IEE95b, IEE95e, LZH17, LH18, MB00, VFD02, YTH+12, bT01a, AD03a, ADL03b, AI+S+21, BBW19, CDP99, FA18, HS12, KBHA94, MBBD13, McR92, MN91, MS99c, RGDML16, SCB14, SCB15, TD99, WLYC12]. Communicators [DFKS01, GF03, GF05, FK96, GJMM18, KH96, MJ+12]. communities [ACM04]. Community [BHW+17, FCP+01]. Como [CLM+95]. COMOPS [Luo99]. Compact [Uhl94, Uhl95b, Wor96]. compaction [VSW+13, WK08a, WK08b, WK08c]. Compactly [KLR16]. Comparative [KB98, ML21, PS08, SN01, AGR+95b, ED94, YCL14]. Comparing [BF01, DSU20, Fin97, GBR15, HVSH95, ICC02, LKJ03, ORA12, SSG95, JLG05, WBC17]. Comparison [BvdB94, BS07, HC10, KBBM97, LCW+03, Mat94, Mat95, Ney00, OP10, OF00, PPJ01, Pok96, RS93, RBB97a, SS01, SR98, SHH94b, VS00, W02, ZBd12, Ahm97, AB93b, BL93, BID95, EVMP20, DFDSR+19, GMU95, Har94, Har95, JS13, KDS02, KNH+18, KC06, MSP93, Ola95, PS07, PSHL11, Pri14, Sm10, SYR+09, SW+12, SHH94a, TOC18, TSZC94]. comparison-based [PSH11]. Comparisons [GGS99, PC02, CLY16]. Compass [PWD+12]. Compatible
[MM14, LBH12, OIH10]. Compcon
[IEE93a]. compete [Ano96a]. CoMPI
[FSC+11, FCS+12]. Compilation
[FSSD17, HKMC94, LRBG15, RBC20,
RVKP19, SBW91, ABB20, Coe94, FM90,
PGS+13, PG18, SHM+12]. Compile
[GB94, TSY99, JE95]. Compile-time
[GB94]. Compile/run [TSY99].
Compile/run-time [TSY99]. compiled
[KYL03, KYL05]. Compiler
[ADK22, Ano98, Dan12, IOK00, KSS00,
KSHS01, MB12, Mar09, MKW11, SSE12,
SKS01, TJPFI12, TBG+02, TGBS05, BAG17,
HEHC09, LME09, LCH+07, LLCD15, MA09,
Miil03, PP16, RKBA+13, SHHI01, SSH+19,
THH+05, TMT+20]. Compiler-assisted
[ADK22]. Compilers
[An00a, CFF+94, LZ97, MKV+01, SBT04,
S96, Hos12, PBB+95, ZT17]. Compiling
[DMB16, Hos12, CGK11]. Complete
[BdS07, GHL+98, Nag05, Per97, SOH+98,
YM97, Ano99a, Ano99c, Ano99b, Ano99d,
PRS+14, SOHL+96]. Completed [PTT94].
completion [PHM+22, SSN+21]. Complex
[BCGL97, GMPD98, MBS15, SOYHDD19,
ZT20]. Complexity [NPS12, LCH+22].
component [HLP+10, KRKS11, Squ03].
Components
[ABG20, BT01b, CT02, Fin00, Gro02a,
Lus00, Wis01, GKD+18, LRW01].
Composable [MLGW18]. Composed
[Wel94]. Composing [PHA10, RHM+17].
compressible [MALM95, YPA94].
Compositing [GPC+17]. Composition
[CTK00, Cot04, DLB07, FCO5, KH15,
CF96, SOYHDD19]. compound
[LLC13, SAP16]. Comprehensive
[MZLS20, RST02]. compressible
[HHS19]. Compression
[BKK20, FSC+11, KBS04, VPS17, AAAA16,
HE15, UH96, Wu99]. compression-based
[AAAA16]. COMPSAC [IEE95].
Compton [BCD96]. Computation
[BKGS02, B+05, Cer99, DSM94, DSS00,
EMO+93, ESM+94, Fer10, FF95, GS91b,
HIP02, IEE94a, IEE96c, KF16, KS15b,
Mar06, MR12, MSCW95, Nag05, PPR01,
Sie92a, Sie92b, SMOE93, SSB21, VZT+19,
WTTH17, ACM97a, AC07, ABDP15, Bis04,
BALU95, Bos96, BHKR95, CL93, CMH99,
CKP+93, Dabi19, DZZY94, HLM+17, HK94,
KB01, KHSB19, KJ+16, KG93, Lev95,
MLAV10, Neu94, NZZ94, NCKB12, PF05,
PKE+10, Röhon, Shi94, SH14, TBB12,
TPD15, TW12, Vol93, Wan97, Was96, SM07].
computation-communication [SH14].
Computational [ALR94, CMM03,
DFMD94, JFY00, KH15, Liv00, MBS15,
NFK98, R+92, SZBS95a, SM07, SYL19,
SN01, TDBEE11, TGM90, WPH94, Whi04,
AGM06, BvdB94, BDG+92c, BR95a,
HVSC11, KBG+09, PBK99, RBB15, SPE95,
SZBS95b, STT96, Str94, VDL+15, X21,
BR95a, CCHW03, R+92, SL94a, WPH94].
Computationally [DFN12].
Computations
[AGH+95, ACGR97, CGU12, CGPR98,
IH04, PBK00, PMvdG+13, WJ12, ANS95,
AASB08, BL99, CG93, DMW96, EGDK92,
HJYC10, KD13, MRRP11, MR96, RBC20,
Smi93b, SAP16, TS12b]. Compute
[DBK+09, LSM+18, KKL+11, OHG19,
VLMP+18, ZLZ+11]. Compute-intensive
[LSM+18]. computed [FWS+17, SSS99].
Computer
[ACM06a, Ano94a, GTH96, IEE95l, IEE96b,
IEE97c, IS16, KCR+17, Neu94, Old02,
PSB+94, ST02a, Sun12, Ten95, URKG12,
YTH+12, BN00, BS94, BKML95, BF96,
Cal94, CLM+95, GRTZ10, JW96, Str94].
Computer-Assisted [GTH96]. Computers
[An90, BP99, BCL00, DDP+19, DGMJ93,
FPF03, GC05, IEE95b, IE95e, ITKT00,
LF+93a, MFTB95, PSZÉ00, SPM+10, SS96,
BvdB94, BBK+94, DLR94, Duv92,
ESB13, GBF95, KOS+95a, LR06a, MM+94,
NF94, POL99, PBK99, Wal94a, Wal94b].
computing
[ARYT17, AL92, AH95, ASCS95, Ano93b, Ano94e, Ano94h, Ano89, ADDR95, AMV94, BPG94, BG95, BDD+94, BB3+20, BMKL95, Br95, BH98, CBB96, CKB15, DLD99, DKD08, DKB20, DW94, D+95, DM96, DE91, EKT99, EJL92, FBD01a, FGRD01, F094, FS95, Fer98a, FS98, FME+12, FHC+95, GGGC99, GS02, GS91a, GS93, Gei93b, Gei94, GH94, GLC97, HP95, HW11, HH14, HPY+93, HS95a, HH95, mH12, IEE97a, IM95, JPOJ12, JY95, JMJ+11, JPTE94, KO14, Kos95b, KS907, LV12, LH98, LC98, LHD+94, LHD+95, LM13, Ma94, MZK93, Ml95, Mar07, NRdA+20, PG9+13, PB06, Pen95, PGK+10, PTT94, PB+95, PNV01, PW0+12, RBS94, RJH14, RJ+20, Sch93, SGS95, SMS00, STT96, SBK21, Ste94, SP11, Sun94b, SGDM94, Sun95, Swa01, SD99, TJD09, TKP15, TDB00]. computing
[Tho94, TSS98, VM94, Vis95, Was96, XJR21, YULM+17, YCL16, YSL+12, Zem94, ZWL13, ZGC94, ZHS99, ZKRA14, ACM98a, Kon00, PW95, Per96, SCR92, TGE09, NMC95, Ano95b]. Concept
[KaM10, LTR00, SB95]. concern [Ano94i].
Concurrent
[ME17, NPS12, DGB+14, EBB+20, P TG13].
Conditional [JCP+20, SGS+21, CBS18].
conditions [STA20]. Condor [CF01, PL96].
conduction [SYS12]. Cone
[RCFS96, OHH10]. Conference
[ACM90, ACM94, ACM96b, ACM96c, ACM97b, ACM98b, ACM04, Abr96, ATC94, AGH+95, Ano89, Ano93g, Ano94a, Ano94e, Ano94i, ACDR94, BBG+95, B+95, Bob97, Bos96, BFM96, BH95, CGB+10, CH96, DSM94, DSZ94, DKD07, DKM+92, ERS95, ERS96, EJL92, FF95, Gat95, GN95, GT94, Ham95a, Ham95b, HS95a, HS94, Hol12, IEE92, IEE94f, IEE95b, IEE95a, IEE95e, IEE95i, IEE95j, IEE96a, IEE96d, IEE96h, IEE96i, IEE02, LCK11, LF9+93, MM93, Nar95, OL05, PR94b, Ree96, R+92, SPE95, SII96, SM07, Sin93, SW91, USE95, USE00, VW92, Vol93, WPH94, Y+93, YH96, ACM95a, ACM05, ACM06b, ANS95, Ano93b, Ano93c, Ano95a, BR96a, Bil95, BDL96, DR94, Eng00, GH94, JPTE94, LCHS96, Mal95, PW95, RV00, Van95, ZL96, ACM94, Ano94g, IEE95b, KKD03].
Configurable
[IEE94d, MYK19, PKB+16, BB94].
configurations [PTL+16]. conflict
[TCP15]. conformational [MK94].
Congress [CJNW95, GHH+93, PSB+94, BH95, dGJM94]. Congressi [GT94].
Conjugate [BG95, GFP12, SSK+18,
BAC20, MM92, Ols95. Connected [ABG20, BT01b, KRKS11, OF00, Pet01, GKD+18].
Connectivity [Whi94]. Conquer [CTK01, Cza02, Cza03]. conscious [ZA14].
Considerations [CIPC19, FA18].
Considers [WYZ+19]. consistency [DPFT19, KSTM20, WBSC17, YYW+12].
Consistent [TGT10, CG96, CG99a].
Console [Pes99]. Consortium [BRST94].
Constrained [BSH15, EGR15, TSCS14].
construction [ART17]. Constructor [MYK19]. Constructs [KDT+12, PGC02, BKH+13, BN00].
consumer [ACJ12]. Contact [Nak03].
CONTAIN [SBR95]. containers [Str12, ZT17]. content [GFB+14].
Contexts [CS14]. Contiguous [KLH+20, WTR03]. continual [NS16].
Contract [KPNM16].
Contract-based [KPNM16]. contrarian [KSSS07]. Contrasts [GGS99]. Control [FLD98, FM09, IEE94e, MSS97, CMZ99, MBKM12, MH18, OHG19, RRJ+20, SFL+94, SHPT00]. control-flow [MH18].
Controlled [DSU20]. controller [GWC95].
convection [BB95b, CEGS07, TVV96].
Convention [ACM98b, ACM09, ACM00, Hol12, IEE94b].
Converse [BK96]. Conversion [ZG95b].
convex [GCN+13]. Convolution [ADGA20, WTS19]. convolutions [DZZY94]. Cook [SD13]. Cooperation [Wis01, Str94]. Cooperative [DGF97, DiN96, HRS997, kLCCW07, Pet00a, Pet00b, JKN+13, SHLM14].
CORBA [DPP01, Fin97, LRW01]. Core [ABB+10, Bri10, CZG+08, LZh17, SOH+98, TCM18, YGH+14, YTH+12, ACMZR11, AV18, BBC+19, BBG+14, BL99, FHB+13, HTA08, JR13, JKM+11, JR10, KSG13, LLCD15, LLH+14, MBBD13, PZ12, SFSV13, SVC+11, TFZZ12, VDL+15, WCC+07, WYLC12, dCZG06, MMH98, Nag05, Ano99a, Ano99b]. Cores [BBG+11, DT17, BMS+17, DJJ+19, SC19, WO09].
Corfu [SM07]. correct [DM93].
Correction [SSLMW10, BCD96, FME+12].
Corrections [BL95, DLLZ20, Spe19].
Correctness [DFP+19, HMK09].
Correlated [MM07]. corruption [FME+12].
Coscheduling [GRV01, SGHL01]. Cosenza [KG93].
counting [JR13]. County [ACM98b].
Coupled [MBS15, SS01, SBR95, Gra97, MBA21, TK19].
Coupling [BS93, KR09, SB95, WB96]. course [STT96]. Coverage [DSY21].
Covering [MYK19]. CoW [KMGG99]. CPPvm [Gö01]. CPS [Mat94]. CPU [BB18, CLOL18, DF17, EBB+20, HSO+21, HCC+20, JR13, KSL+12, Lee12, LRG14, LLC13, LFL11, OFA+15, PDY14, PHO+15, Pri14, RBC20, SdR+21, SPB+17, SSB+17].
CPU-GPU [HSO+21]. CPU-MIC [BB18].
CPU/GPU [EBB+20, KSL+12, Lee12, LLC13, OFA+15, RBC20, SSB+17].
CPU/multi [SAP16]. CPUs [ASB18].
KH12, LNK+15, ÖN12, SFSV13, YSWY14.

**CPVM** [CG96]. **Cracow** [BDW97]. cranial [NAJ99]. **CRANIUM** [MBES94]. Crash [LCVD94b]. **Crash-simulation** [LCVD94b].

**crashworthiness** [LCVD94a]. **Crawler** [Wal01a]. **Cray** [BL94, GRRM99, MP95, Sch96a, Sch96b, ABG+96, AZ95, AFST95, BBW19, CCSM97, LKJ03, LSK04, MWO95, Oed93, RBB97c, SWS+12, SCC95].

**CRAY-T3D** [Sch96a, Sch96b]. **CRAY-T3E** [Che99]. **CRC** [Edd18]. **Creation** [Hat98, MFC98, PS00a]. Crew [GHL97]. **CRI** [MSCW95]. **CRI-MAP** [MSCW95].

**Critical** [DSGS17, SLN+12, KSC+19, SDJ17]. **Critical-blame** [DSGS17]. **critical-path** [SDJ17]. **cross** [JR13]. **cross-platform** [JR13]. **Crossbar** [ZL17]. **CRState** [CZP21].

**cryptanalysis** [BSN95]. **Cryptographic** [PV97, ABDP15]. **cryptosystem** [WLC07]. **Crystals** [LHZ+20, ILlm+21]. **CS** [FST98a, FST98b, Jon96]. **CS-2** [FST98a, FST98b]. **CT** [DYN+06, NAJ99]. **CT-scans** [NAJ99].

**cube** [Pan95a]. **Cubes** [DERC01]. **CUDA** [DLLZ20, Pri14, AMuHK15, AMKM20, AAAA16, ACMZ11, AC17, Ano12, AFG21, ASB18, BHS18, BY12, BTC+17, BAG17, BSH15, BBH12, CAM12, CGU12, CMI11, CLYC16, CBM+08, CSV12, CFF17, CB11, Cza13, DCD+14, DSU20, DS13, DR18, DS22, DARG13, DLLZ19, DLV16, DWL+10, DWL+12, DM12, Edd18, EADT19, EEP+17, ER12, FJZ+14, Fer10, FMM15, FFM11, FWS+17, Fuoj8, GDC15, GScFM13, GLN+08, GO19, GML+16, GDEBC20, GFP12, GWVP+14, GRTZ10, HE13, HJB14, HVA+16, HLM+17, HD11, HLP10, HP11, HLP11, Hog13, HF14a, HF14b, HKO011, HT08, HWW21, HLO+16, JRG21, JL18, JP122, JK10, JC17, JLS+14, JFGRF12, KRKS11, KHBS19, KID12, KAMAMA17, Kha13, KS13, KC19, KSC+19, KKB+21, KF16, KVGH11, KME09, KO14, KH15, KD13, KA13, Lan09, LRG14, LGK10, LLG12]. **CUDA** [LSSZ15, LBH12, LSVWM08, LSMW11, LAD16, LBB+16, LYSS+16, LYIP19, LZ13, MMO+16, MV20, MNYN21, MR12, Mat16, MSML10, MdSAS+18, MGL+17, MM14, MH21, NSLV16, NS20, NS16, NBGS08, OIH10, ORA12, OHG19, PG+13, PRS+14, PGD18, PHJM11, PAd5+17, PgdCJ+18, PSHL11, PSH+20, PTMF18, PSV19, PRS16, RBW+20, RS22, RBAI17, Ros13, RTN21, SSI12, STA20, SK10, iSYS12, SDJ17, STK08, SS09, Seg10, SSLWM10, SKM15, SP11, Stp20, SR11, SJK+17a, SJK+17b, TNIB17, TVCB18, TS12b, TA14, TCP15, Tsu12, UZC+12, VLMPS+18, WGG+19, WG17, WJ12, WMRR17, WRMR19, WWFT11, WJB14, XXL13, YULMTS+17, YHL11, YZ14, YW21, YMYI11, ZJHS20, ZSK15, ZAFAM16, ZWLZ21, ZZG+14, Zbd12, ZLS+15, ZZZ+15, dIAMCN12, dlAMCFN12, vdLJR11, Che10, SD13, Vog13].

**CUDA-Aware** [DS22, HVA+16]. **CUDA-Based** [DLLZ20, DLLZ19, ZJHS20, AAAA16, AFG21, WGG+19].

**CUDA-BLASTP** [LSMW11]. **CUDA-C** [YULMTS+17]. **CUDA-compatible** [LBH12]. **CUDA-Enabled** [LSMW11, SSLWM10, DS13, KHSB19, PSV19, SR11, ZLS+15]. **CUDA-JMI** [GDEBC20]. **CUDA-NP** [YZ14].

**CUDA-powered** [RTN21]. **CUDA-quicksort** [MMO+16]. **CUDA-sharing** [PRS+14]. **CUDA-streams** [TVCB18].

**CUDA-to-OpenCL** [GScFM13]. **CUDA/MPI** [LYSS+16]. **cudaBayesreg** [Fer10]. **CUDA-EASY** [Sai10]. **CUDAalign** [SlM10, dOSMM+16]. **CUDA** [KMM15]. **CUDA-TM** [SM12]. **culling** [LHLK10].

**CUMODP** [HLM+17]. **CUMULVS** [GKP97]. **cuPC** [ZJHS20]. **cuPentBatch** [GNP19]. **CURAND** [Ano12]. **CURD**

D [And98, DYN+06, SSS99, SH14, VDL+15, Bha98, BCL00, Bri95, BMPZ94a, BAS13, CGU12, CEP+15, ES11, GGN+13, HF14a, HF14b, JR10, KRKS11, KO14, KD13, KHS01, KL16, MK94, MSZG17, NSM12, SC19, TPD15, WMR17, WMR19, WR01, YSL+12, vHKS94]. D-CICADA [MK94]. DAC [Cza02, Cza03]. Daemon [LB98]. DAG [SGL+20]. Dagum [Stp02]. d'Aix [GA96]. d'Aix-Marlioz [GA96]. Dallas [ACM00, IEE95l]. Dame [IEE96i, PG18]. damping [YPA94]. DAMPVM [Cza02, Cza03]. DAMPVM/DAC [Cza02, Cza03]. DAMS [CD98]. Dangers [BCP+97]. DaReL [KN95]. Data [AJF16, BMR01, BCG+10, BKK20, BGD12, CKnWH16, CLOL18, DK20, DERC01, DiN96, EGR15, Edal18, EAS99, FLS20, GTS+15, GSYT21, GB98, GMPD98, Gua16, HA10, HB96b, HC06, IADB19, JDB+14, KAI3, LKM14, LHCW05, LDJK13, LLB+21, MV17, Man01, MK17, ME17, Mat16, MGA+17, MJB15, NJ01, NPP+00b, NPP+00c, NA01, NLRH07, PCY14, RJJ21, Rei01, SGH12, SPK96, SSSLW10, SR96, Str12, TSH+15, TPK+19, WO95, Wel94, ZDR01, ZG95b, Zha21, AB95, ASS+17, AGG+95, BK11, Ben95, BR12, BID95, CFKL00, CGK11, CGL+93, DRUE12, EP96, FB97, Fan98, FVLS15, FME+12, FKK+96b, FWS+17, GE95, GE96, HB96a, HC08, JB96, JCP15, JE95, JPOJ12, KN95, KJJ+16, KR13, LOHA01, LF+93a, LL16, LW02, MA09, MMB+94, MMM13, MR96, NCB+12, NCB+17, NPP+00a, OPP00]. data [PDY14, PG18, RJMC93, SJLM14, SSS99, SPH95, SK92, TW12, TGKL19, WO96, WZW21, WLK+18, YCL14, YWO95, ZJDW18, ZRQA11]. Data- [LSM+18]. data-centered [JPOJ12]. Data-Driven [ME17, NCB+12, NCB+17]. Data-Intensive [LBB+21, Rei01]. Data-Parallel [AJF16, GB98, RJ21, CKnWH16, SPK96, CGL+93, FKK+96b, MMB+94, MR96, SK92]. data-parallelism [BR12]. data-privatization [KRG13]. Data-Structures [GMPD98]. Databank [FCP+01]. Database [AR01, BF97, EK97, LBB+21, MV97, MM14, PPT96a, MN91, PPT96b, PPT96c, PMZM16]. Databases [RGB+18, BA06, Bos96, ZWL13]. Dataflow [DT17, CSPM+96]. Datasets [DLLZ19, DLLZ20, VPS17, KGB+09]. Datatype [Gro00, SWHP05, HCC+20, KHS12]. Datatypes [JDB+14, RHT00, SGIH2, Tha98, CAHT17, THR299]. Dave [Stp02]. David [An96a, An99a, An99b, Nag05]. DawnCC [MGA+17]. DAWNING [HWM02]. DAWNING-3000 [HWM02]. Day [JS16]. dbx [NE98, NE01]. DC [B+05, IE94h, IE95k]. DCE [Sch93, FLD96, RS93, Sch93]. DDL [FB97]. Deadlock [LZC+02, SG12, HPS+12, HPS+13]. Deadlocks [FJK+17]. Debugger [WCS99]. Debugger [HM01, NE01, CH94, CG99b, MT96, XWSZ96]. Debuggers [A001a]. Debugging [BDGS93, GKP96, KK01, KV98, Mor95, NE98, Wis97, ZLL+12, BL97, BS96a, DFK93, DH22, HLOC96, KCD+97, MLA+14].
December [Bil95, Eng00, HHK94, IEE96a, Kum94, NM95, PBPT95, Y+93].

Decimation [Bil95, Eng00, HHK94, IEE96a, Kum94, NM95, PBPT95, Y+93].

Decomposition [BKK20, BJS97, CP97, EGH+14, KDHZ18, DBVF01, ETV94, OMK09, SHHC18, TGS+20].

decompositions [NZZ94].

deconfliction [TCP15].

Dedicated [MC17].

Decomposition [BKK20, BJS97, CP97, EGH+14, KDHZ18, DBVF01, ETV94, OMK09, SHHC18, TGS+20].

Decomposition [AHHP17, AJC+20, GDS+20, SM19, TWLL19, AMC+19, NWT21, SEC15].

Deep-Learning [AHHP17, AJC+20].

Deferred [Spe19].

Defined [Gua16].

Defining [GAML01].

Deformable [STK08].

Deforming [GAP97].

Degree [CTBT21, CT13].

Degrees [KTJT03].

Delaunay [CWL+20].

DELAUNAYSPARSE [CWL+20].

Delegation [YTH+12].

Delegation-Based [YTH+12].

Delft [DSZ94].

Delivering [Hus98].

Delphi [ACGdT02].

Demand [CTK00, LSB+18].

Denmark [DW94, DMW96, Was96].

Dense [AKL16, BDT08, CDD+13, Fuj08, Hog13, PMvdG+13, ZBd12, BRR99, LRLG19].

Densities [MW98].

Density [BL95, MC17, CBHH94, ZWHS95].

Denver [ACM01, IEE05, R+92].

Dependable [GM95].

Dependant [BP99].

Dependence [LAAS+15, BLVB18].

dependence-aware [BLVB18].

Dependency [PPR01].

Dependent [DFA+09, HO14, MFTB95, DM12, LBB+16, LYSS+16, ON12, RS22, SSB+16, TV96, YPA94, YSV+16, YSM+17].

DEPICT [HM01].

Deploying [PKB01, CLLASPDP99].

depth [MKP22, SSS99].

Derivation [GB98].

Derived [JDB+14, RTH00, SWH05, Tha98, CAHT17, HCC+20, Jou94, THRZ99].

Descent [Sch01].

description [TKP15].

descriptors [LNW+12].

Design [AS92, AAC+05, Ano01b, ACD+09, BCD+15, BBH+13b, BS96b, BMR02, BRM03, CLP+99, ETWaM12, FD02a, FA18, FFP03, GG09, HWM02, JSH+05, KVKH11, LML+19, kLCC+06, kL11, LVPO4, Man94, MMSW02, MZLS20, NPS12, OFA+15, Pan14, PLK+04, PCS94, SBG+02, SWYC94, SSL97, SPK+12, Snn12, THM+94, TPV20, USE94, VGRS16, ZGZS20, BR91, BMS19, CAR10, CSS95, DS96b, FD02b, FGL+20, GL94, GlKCy97, HDZ+20, KA95, LC07, MAS06, OA17, PGK+10, PTW99, RSC+19, SL94b, Sep93, Sil96, SSD+94, SWL+01, WHMO19, Wal94a, Wal94b].

design-pattern [MAS06].

designed [BSH15].

Designing [BS15, GKR12, LAD16, SWHP05, SH14, WYLC12, ZL17, AHHP17, DSOIC11, Pan95b].

Designs [HVA+16, SM19, AAAA16, MC17, Shi94].

desktop [Mar07].

detach [PHM+22].

Detailed [DLV16, RSPM98, BTC+17, LPI+6b].

detect [DPFT19, Str94].

Detecting [AGG+95, LCH+22, PPJ01, ZRQA11].

Detection [BHW+17, CSW12, CBL10, CFMR95, DMMV97, ELM98, FME+12, HHC+18, KSJ14, SG12, ZDD97, BBH+15, DKF94a, HDM909, HGMW12, HPS+12, HPS+13, LZX+02, RAGJ95, TCP15, TGD13, TWF090, WFTO14, YULM+17].

Detector [DZDR95, PGD18].

Determination [LAFA15].

Determine [BP99].

Determinism [CTBT21].

Deterministic [CFMR95, DK02, ZL+12, MV20].

Develop [PD98].

Developer [IEE96a].

developers [Str94].

Developing [BZ97, CCMS97, Cot98, DDOIL95, Ren93].

Development [AC17, Ano01a, BDG+91b, BR95c, CHPP01, Cha02, Cot97, Cza02, DF21, DeP03, PS01a, SK00, SB01, TDB96, TDBEE11, ArvW03, ABC+00, BL97, BDG+92a, DSZ94, DHP97, KCD+97, LLC13, MMW96, PES99, SM12, TBB12, ZL96, Sei99].

Developments
20

mate device
[kkll11, ls10, sbqzi14, ywtc15]. devices [gjn97, rvkp18, zdjw18]. dfb [wwz+96]. dfn [rs93]. sox [rs93]. dg [mv20]. dg-mosfets [mv20]. dgx +d20. dgx-1 [gds+20]. diagnosis [ap96, lad+s15]. diagnostic [rsbt95]. dictionary [lssz15]. diego [has95, lf+93a, nm95]. difference [uzc+12, cdoo+20, go19, gfpg12, he13, nzz94, nb96, pri14, ram07, str94, vm94]. differences [ake00, ldcz97]. different [aim97, dsu20, gl97b, jch+98, nery90, rab98, rbb97a, bn00, py95]. differential [mftb95, mkk21, riz17, dfsw19, jk10, mps20, nf94, rbb15, sp11]. differentiating [cer99]. differentiation [bbh+08, bgk08, hh22, cdg96, hhsm19]. diffusion [hf14a, hf14b, mw98, cegs07, dm93, mm92]. digest [iie93a, iie95c]. digit [dald18, lad16]. digital [klr16, cj+10]. dixon [ykh96]. dimemas [glb00]. dimensional [car07, ga96, hd02b, kd12, lrq01, mw98, sjk+17a, sjk+17b, zwlz21, al93, kt02, lssz15, llmh+21, mkk21, ol95, pr94c, ram07, rg18, zwc21]. dimensions [cw1+20, sas01, ano93b, hp11, lzc+20]. diophantine [zt9d19]. dipolar [lbb+16, lyss+16]. diporsi [ggcgo01]. dipsys [spl99]. direct [bri10, gpc+17, lb98, wjb14, bcm+16, gra09, hws09, mni1, swh15]. direction [bdg+93b]. directions [ifi95, fk94, fhp+95, sun96]. directive [cp+18, lv12, no02a]. yl09]. directive-based [cp+18, lv12, yl09]. directive/mpi [no02a]. directives [aabb+16, bbg+99, bbg+01, bko00, ccbpga15, jfy00, bc19b, loha01, vgs14]. directory [jcp15]. discharges [lzc+20]. disciplined [lwka15]. discontinuous [cf19, kk19]. discovering [fjk+17]. discovery [asaak19, bk11, gwvp+14]. discrete [ssb21, st17, wmc+18, yw21]. discrete-event [wmc+18]. diskless [pkd95]. disks [difmb+02]. dispersion [rsv+05]. displacement [bjs97, pss01]. dissemination [gl97a]. distance [mr12]. distances [laf15]. distributed [ags97, ano95e, bms+17, bme02, bgr97a, bl95, bha93, bjs95]. brst94, bt01b, bhkr95, cgb+10, cl03, cs97, cc99, dmb16, db97, dfmd94, dgf97, dhhw92, dhhw93a, em+93, esm+94, fh95, fan98, ftvb00, fk01, fos98, fs93, ffc+99, ggcm99, ggcgo01, ggc98, gcbm97, gwc95, gm95, hj98, hc10, hrsa97, iee93d, iee93e, iee94d, iee94g, iee95h, iee95k, iee95i, iee95g, iee96b, iee96g, iee96f, iee96e, iee96d, iee95d, iee95c]. distributed [agr+95b, ab95, ano94e, arm95, admv05, bsc99, bb95a, bir94, bmpz94a, cbp02, ch94, cef+95, cbhh94, cllasdp99, cpr+95, ck99, dlr94, dr94, dhhw93b, dr95, eg99h, fb97, fs95, fs98, fch+95, fhb+13, gr97, gcn+10, gkk09, gklycy97, gp95, hp+y+93, hha95, iee97a, jwb96, kn95, ksg13, kjj+16, kdl+95a, lr06b, lfs93a, lfs93b, lh98, lkl96, liu95, lyp19, lmgdra+19, ma94, mvtp96, man98, mlc04, naja99, olg+16, pk05, pol99, par93, pr94c, rbw+20, ragg95, rfh+95, ssh08, ...
SHHI01, SL94b, Sch93, SFL+94, SSC96, SFL99, SM93b, SD99, THDS91, TSP95, THM+94, Uhl95a, VM94, VB99, Ve02, Vis95, Wal94a, Wal94b, WPL95, Wan97, YLC16, YWO95, YX95, YPZ95, ZLC95, ZGC94, ZHS99, Pet01.

distributed-data [FB97].
Distributed-Memory [CSW97, C99, SSH98].
distributed-shared [ADM05].
Distributing [AL92]. Distribution [HB96b, LHCW05, MJ15, NPP+00b, NPP+00c, NA01, SR96, AGG+95, CSW99, GS96, H96a, JMV+17, KRC17, NPP+00a, RJMC93, Wil94]. Distributed [ST17, WO95, HKMCS94, WO96, vHKS95].

Divergence [SDSCP13, WYH+21, LW20, VSW+13].
Divergent [WJA+19]. diversity [EO15].

Divide [CTK01, Cza02, Cza03].
Divide-and-Conquer [CTK01, Cza02, Cza03].
DMMP [BB93].

DMPI [HWM02, ZLL+12].
DNA [dFdOSR+19, GDMME22, PGF18].


Domain [BMR01, CP97, EGH+14, KHZ18, kl11, ETFV94, HE13, Neil93, NZZ94, Oli14, OMK09, Ram07, SHHC18, VM94].

Domaine [GA96]. Domains [KR09].

Dongarra [Ano95b, Ano96a, Ano99a, Ano99b, NMC95, Nag05]. doOpenCL [KSG13]. dot2dot [GDMME22]. Double [FFK996, PTT94]. down [Str94].

Downloadable [Ano98]. DP [Arn95, KLR+15]. DPVM [IHVA+00].

DQN [PS19a]. DQN-based [PS19a]. draft [DHHW93b, GL92]. Draw [ST17]. Dresden [MDS09]. Driven [AIM97, LWSB19, ME17, PCY14, FSG19a, FSG19b, H11, NCB+12, NCB+17, Qu95, SIS17, TWF009, WFO14].


DVFS [PTL+16], DWT [ZZZ+15]. Dyn [WLN03, WLN06]. Dyn-MPI [WLN03, WLN06]. Dynamic [ACGR97, AGS97, AUR01, BB+B20, CGLD01, CKinWH16, CML04, CK99]. CTK01, DMB16, DBA97, DFMD94, FMBM96, FD00, GFD03, GFD05, GRV01, GCBL12, GMPD98, GL95a, KFL05, LZZ+20, MK17, NPP+00c, NLRH07, PK98, PLK+04, PT01, PGdCJ+18, Ran05, SPH+18, Sni93b, SY95, TS2a, TPK+19, VdS00, Vet92, Wal01a, Wil94, YST08, Zel95, DDLM95, EO15, FH97, FCS+12, FKB08, JC17, MSCMC15, NSBR07, NF94, OKW95, PGD18, PSH+20, RBA17, RCG95, SCB14, SCB15, SKK+12, SK+14, WRS16, YPA94, DvdLVS94, FCS+12]. Dynamically [HDW21, SSS99].

DynamicPVM [DvdLVS94]. Dynamics [BST+13, BCGL97, DR97, JFY00, KBM97, dFMBdFM02, MH01, OS97, SZBS95a, SA93, TDBEE11, TEGM09, YWC15, ZB94, AL94, Ais+21, ABG+96, AGMJ06, BvdB94, BHS18, BvdSvD95, BKB+94, BMPZ94b, BMPZ94a, CC00b, FHS099, HSI18, HVSC11, JAT97, JMS14, KFA96, KPK13, KR13, LHZ+20, LSMW08, NS20, OKM12, PARB14, PBK99, PIR+20, RS22, RBB15, SPE95, SZBS95b, SM15, TG94, WPH94, XR21].

Dynamische [Wil94]. dynamite [IvdLH+00, IHVA+00]. Dynamite/DPVM [IHVA+00]. dynamo [Hol95]. DySel
Enabling [APbF16, BGG+15, CLSP07, DGB+14, GBH14, GBH18, HJYC10, NPS12, TY14, ZPI06, BR04, MA09, SHHC18, WDR+19].

encapsulation [DREUE12], encoding [AAA16, PGBF+07, SM12].

endpoints [LLH+14].

energies [TKP15].

Energy [BPG94, CBB+20, CBB+21, EGR15, KFL05, LML+19, RBAI17, SPB+17, VW92, FKLB08, KN17, LRLG19, MNYN21, PT+16, TDG13].

Energy-Aware [EGR15].

Energy-Efficient [SPB+17, LML+19, MNYN21, TDG13].

Engine [Wal01a, NPP+00a, Wal01b, WGG+19].

Engineering [Ano98, BPG94, BP93, EGH+14, IEE96h, KaM10, LSB15, LF+93a, MS02a, MBS15, Nag05, SM07, Str94, DMW96, IEE94c, PW95, RMS+18, Sil96, LF+93a].

engineers [HW11].

Engines [SLJ+14, HSW+12, SHM+12].

Engine™ [OIS+06].

English [Wi94].

Enhance [AR01].

Enhanced [Ano98, CDHL95, CDH+95, FMSG17, KY10, PLR02, Saa94, BR95b, FE17a, FE17b, TSCS14].

enhancement [ARL+94, Boi97].

Enhancements [BDG+95, BCKP00, DM95b, DM95a].

Enhancing [BFIM99, CMZ99, FSC+11, HMS+19, IPG+18, MTPV96, MSC15, OFA+15].

Ensemble [Cot97, Cot98, BY12, FH97].

Ensemble-Based [FH97].

ENSOLV [AMS94].

Entwicklung [Sei99].

Environment [BDGS93, BFG+10, BFM07, BGL00, CHP+01, CTKO1, DLB07, DI02, DHHW92, DHHW93a, DLL00, FTVB00, FWR+95, GJN97, GL97a, HRSA97, KBA02, KKH03, KDL+95b, KVH97, LC93, Lus00, MSOR01, MM02, MFG+08, MSS97, NJ01, Ong02, Rol94, SDN99, SGL+00, SGHL01, TTP97, WL96a, ASAK9, ABG+96, BDG+92b, BDG+94, BK96, BT96, CEF+95, CLLASDP99, DZ96, DL10, DHWH93b, EASS95, FMBM96, FB95, Fun98, Fra95, GBR97, GGH99, GPL+96, GkLyCY97, HZ94, IJM+05, IvdLH+00, KCD+97, Kat93, KDL+95a, Ko95b, KFSS94, wL94, MSL12, MK97, NP94, PES99, PVKE01, PQ07, RNPM13, SSKF95, Sch93, SPK96, SBF94, SWC94, Skj93, SSS95, TJD09, TSCS14, Tho94, WCC+07, WL96b, WLCO7, ZPLS96].

environmental [ANS95].

Environments [Ano95e, Ano01a, Bak98, BF98, DT94, GFB+03, Laf01, Mat94, Mat95, MFC98, PS01a, RB01, SHH94b, SSSS97, SCL00, TAH+01, ACGdT02, ARL+94, ALR94, ADDR95, AMV94, Bon96, BFM99, CDH+94, CK99, DR95, EO15, HS93, HVSH95, LC07, LGMDRA+19, MSP93, SS94, SHH94a, SAP16, TSS98, VB99, YS93, ZL96].

environments-the [CDH+94].

EPS [GT94].

EPS-APS [GT94].

Epstein [BL95].

Epstein-Nesbet [BL95].

Equation [ES11, LZ97, SAS01, VRS00, DM12, LBB+16, LYSS+16, MS95, NP94, ON12, Ols95, Pri14, iSYS12, SBS+16, YSSM+16, YSMA+17].

Equations [An98, BG95, GK10, Huc96, LLY93, LLM+12, MTPB95, MKK21, ORA12, ZB97, BHW+12, Che99, DFSW19, IM95, JK10, Jou94, MPS20, MM11, NF94, RBB15, SP11, SMSW06, ZZ+14, diH94].

Equi [LTRA02].

Equi-Join [LTRA02].

equivalencing [LLG12].

Era [ABB+10, CZG+08, CGKM11, EdS08].

Erratum [An01b, HF14b, Wal94b].

Error [DFC+07, SSSLW10, HPS+12, HPS+13].

Errors [FCLG07, DPFT19, SD16].

Erweiterung [GBR97].

ESA [Wi94].

ESBMC [MdSAS+18].

ESBMC-GPU [MdSAS+18].

Espoo [RWD09].

ESPRIT [CDH+94].

Estimation [GBK10, TSN21, WZM17, WQKH20, YNJS21, AMHC11, CCU95, GB94, JMdvG+17, KS13, ZWH95].

Estuarine [LRQ01].

Ethernet
Explicitly [Mai12, SYR+09]. exploit [ZP106].

Exploitation [GGL+08, GAM+02, BK11, GAM+00].

Exploiting [Add01, AML+99, Bri10, FKLB08, HEHC09, KFL05, LWKA15, LFW02, NAAL01, VGP+19, Nob08, SWCB20, THH+05].

Exploration [AMuHK15, HSO+21, MZLS20, OFA+15, ABDP15, GE95, GE96, PDY14].

Explorations [BGG+15]. Exploring [CPM+18, IFA+16, IMS16, LGMdRA+19, MBKM12, MTU+15]. Expose [SAL+17].

Exposing [SD16]. Exposition [IEE95d, LF+93a]. EXPRESS [KS96, Ahm97, FK94, LH95, SHH94a, SHH94b].

Express [HLK+20]. Expression [BN12, GDM18, KH15, Per21, Sur95a].

Expressions [VZT+19, SFLD16]. expressive [Trää12a, YLC16]. Extend [DFA+09]. Extended [BR02, Röt19, HTA08, SS99]. Extending [ABB+10, BCC+00a, BCC+00b, BDB+13, CS96, CG99a, KDT+12, LMRG14, Mar03, OFA+15, RGDM16, SDV+95, TMTP96, CG96, GGLH+96, KSC+19, LRG+16].

Extensile [BL07, GS94]. Extension [AELGE16, BGR97a, CASAGR98, VAT95, Hum95, JH97, SG91, SC95, ZT17, GBR97].

Extensions [Fis01, GOM+01, GHLH+98, HVA+16, HE15, DPSD08, HP05, Kat93, VLMC+20, ZCBBD22, Ano99c, Ano99d].

Extent [KL11]. Extent-Based [KL11].

exterior [HMKV94]. external [BBB+94].

Extraction [CBL10, HLO+16, RTN21, dAT17].

Extreme [MdSC09, ZKRA14].

Extreme-scale [ZKRA14]. eyes [Str94].


Facility [KG96, SHTS01, KZCS96, LHCT96].

Factorisation [BB18]. Factorization [KF16, OPJ+19, AZ95, BSvdG01, BRS92, DG95, KPB16, WLC07]. Factorizations [TD98, LC97b].

Fail [LFS92, LFS93a, LFS93b]. Fail-safe [LFS92, LFS93a, LFS93b]. Failure [BBH...13a, CRGM14, SRS+19, BBH+13b, CGH+14, BDB+13]. failure-aware [CGH+14]. failures [JS13]. Faithful [KLR16]. FALCON [HCC+20].


Fast [ADGA20, Ben01, BHS+02, BDA+18, BBH12, CS14, DMK19, DFN12, EM02, HKMG19, Hog13, Ho95, FJGRF12, JMdVG+17, KK19, LYP19, ILM+H+21, PSHL11, PR94c, PB+01, RB01, SE02, SS09, STY99, SR11, TPLY18, UP01, WTR03, AIIS+21, KKB+21, Lan09, LCL+12, NYNT12, STA20, TDG13, YULM+T+17, YLZ13, YBZL03, ZA14, AAB+17, DBLG11, PFG97].

Faster [Tsu12, ZG95a, ZG96].

Fat [Zah12]. Fat-tree [Zah12]. FASTCOP [CF01]. Fault [BBC+02, BCH+03, BHK+06, CF01, CFDL01, FDBD01a, FBVD02, FD02a, FD04, GFB+03, GKP97, GJR09, GL04, Gua16, IEE95c, JSH+05, LMRG14, LGM+20, LNLE00, dLR04, MSF00, RPM+08, TS12a, WC09, Wl93, BCH+08, CLE+20, FDBD01b, FDBD02, HG12, LRG+16, LMG17, LS08, MB21, PKD95, RG22, SG05, WDR+19, ZHK06, FD00].

Fault-Management [GJR09].

fault-tolerance [CLE+20, WDR+19].

Fault-Tolerant [BHK+06, FD04, GFB+03, IEE95c, JSH+05, LMG17, LS08, MB21].

Faults [LAdS+15].

FCRC [ACM96]. FD [And98].

FD-TD [And98]. FATTIC [LC93].

FDTD [DSOF11, VM94, WGG+19]. Fe [Old02, RV00, BJS99]. feasibility [KGB16].
Feature-driven [Qu95]. Features [GLT99, GLT00b, GLT00a, GLT12, KAHS96, Anoo0a, BPJ99, CR99, IMS16, LSB+20, WKS96, ZKRA14, dAT17].

February [Ano95d, GE95, GE96, IEE93a, IEE94a, IEE97c].

FEM [EVMP20, GEW98]. FEM-Systeme [GEW98].

Fermi [SP11, WKP11]. fermions [GM18].

FETI [KLR +15]. few [NS16]. few-body [NS16].

Feynman [NS16]. FFT [DMK19, DALD18, GB98, JKM +17, NSM12, SH14, WJB14]. FFT-Based [WJB14]. FFTs [EFR +05].

FFTW [KT10]. FHP [BMS94a].

Fibonacci [GFJT19]. Field [KNT02, Goeo2, KKB+21, KL20, RS22, TKP15]. fields [BALU95, RS94f, SM07, IEE95c].

Fine [AZG17, BBG+10, JCP15, SFL+94, TCM18, YSS+17, BK11, KW14, LZYH19].

Fine-Grained [AZG17, JCP15, SFL+94, BK11, KW14].

Finite [DK20, DFN12, KK99, MMD98, MS02b, MAIVAH14, MKK21, ODM01, OMK09, Pr14, RHG+17, SM02, UZC+12, VM94, VRS00, BB93, CdOO+20, DS22, GO19, Gra09, FPGG12, HE13, HMKV94, KME09, KEGM10, KB13, Nak05a, Nak05b, NZZ94, NB96, PSV19, Ram07, TOC18].

Finite-Difference [UZC+12, VM94, CdOO+20, HE13, NZZ94, Ram07].

Finite-Element [MS02b, MKK21, BB93, KME09, KEGM10, Nak05a, Nak05b].

Finland [RWD09].

Firedrake [RHM+17]. First [AGH+95, BCD96, BC00, CH96, Dem96, DFN12, DW94, Gat95, HAM95b, Kum94, Nar95, PBPT95, SSP+94, USE94, AH95, BS94, GM18, MMDA19, PTMF18, PBPT95].


Floating-Point [LWSB19]. Florida [ACM98b]. Flow [BHW+17, BGD12, CGZQ13, CCBPA15, FM90, MK17, Pat93, AMS94, AFST95, EP96, ED94, HK94, HTHD99, HSM19, JAT97, LL16, MBKM12, MH18, Ols95, PTT94, RM99, SCC95, SU96, TS12b, TOC18, TGS+20].

Flow-Based [BHW+17]. Flows [AGH+95, BCD96, BC00, CH96, Dem96, DFN12, DW94, Gat95, HAM95b, Kum94, Nar95, PBPT95, SSP+94, USE94, AH95, BS94, GM18, MMDA19, PTMF18, PBPT95].

Flowshop [CB11]. Fluid [DFMD94, GAP97, JFY00, SZBS95a, TDBEE11, TGEM09, AMS94, AFST95, EP96, ED94, HK94, HTHD99, HSM19, JAT97, LL16, MBKM12, MH18, Ols95, PTT94, RM99, SCC95, SU96, TS12b, TOC18, TGS+20].

Floating-Point [LWSB19]. Florida [ACM98b]. Flow [BHW+17, BGD12, CGZQ13, CCBPA15, FM90, MK17, Pat93, AMS94, AFST95, EP96, ED94, HK94, HTHD99, HSM19, JAT97, LL16, MBKM12, MH18, Ols95, PTT94, RM99, SCC95, SU96, TS12b, TOC18, TGS+20].

Fluid [AZG17, BBG+10, JCP15, SFL+94, TCM18, YSS+17, BK11, KW14, LZYH19].

Fine-Grain [AZG17, JCP15, SFL+94, BK11, KW14].

Fine-Grained [BBG+10, TCM18, YSS+17, LZYH19].

Finite [DK20, DFN12, KK99, MMD98, MS02b, MAIVAH14, MKK21, ODM01, OMK09, Pr14, RHG+17, SM02, UZC+12, VM94, VRS00, BB93, CdOO+20, DS22, GO19, Gra09, FPGG12, HE13, HMKV94, KME09, KEGM10, KB13, Nak05a, Nak05b, NZZ94, NB96, PSV19, Ram07, TOC18].

Finite-Difference [UZC+12, VM94, CdOO+20, HE13, NZZ94, Ram07].

Finite-Element [MS02b, MKK21, BB93, KME09, KEGM10, Nak05a, Nak05b].

Finland [RWD09].

Firedrake [RHM+17]. First [AGH+95, BCD96, BC00, CH96, Dem96, DFN12, DW94, Gat95, HAM95b, Kum94, Nar95, PBPT95, SSP+94, USE94, AH95, BS94, GM18, MMDA19, PTMF18, PBPT95].


Flow-Based [BHW+17]. Flows [AGH+95, BCD96, BC00, CH96, Dem96, DFN12, DW94, Gat95, HAM95b, Kum94, Nar95, PBPT95, SSP+94, USE94, AH95, BS94, GM18, MMDA19, PTMF18, PBPT95].
Formalizing [FGRT00]. Format
[BBH12, MDM17, CBHGL19]. Forschung
[Ano94c]. Fortran
[Ano97, Ben95, Bra97, GBR15, TOC18, AC17, Ano98, AS14, BW12, BC19b, DZ98b, Don06, GML+16, HE13, HH14, HZ99, KaM10, Kuh98, KLM+19, LC97b, LCC+03, MWO95, iSYS12, SM03, SMCH15, SC19, TBG+02, Wal02, YBMCB14, YZ99, YSM+17, vHKS94]. Fortran/PVM
[MWO95]. Forum
[Str94]. Forward
[RMM+12, BDB+13, forward]. forwarding
[CXB+12]. foster
[SM12]. Foundation
[Gei01]. Foundations
[KSTM20]. four
[GSMK17, MG05]. four-atom
[MGG05]. four-particle
[GSMK17]. Fourier
[DBLG11, BCM+16, YW21]. Fourteenth
[IEE95b]. Fourth
[Ano89, IEE93d, IEE95k, Sie92a, Sie92b, Ano94i, IEE96g]. FPGA
[KNH+18, LLVM21a, LLVM21b, MKP22, MTU+15, MLZ19, PWP+16, PGF18, RGB+18, WTH17, WHMO19, WTS19]. FPGA-based
[WTS19]. FPGA-Platform
[WTH17]. FPGAs
[AJYH18, CJPC19, JCP+20, LLVM21a, LLVM21b, LWZ18, MC17, MKP22, OFA+15, PG5+13, WZHZ16, Röhh00]. fractal
[Wu99]. fragment
[KS15a]. fragments
[OA17]. frame
[MNYN21]. Framework
[Ben18, DGM93, FC05, GGGC00, GR07, GDDM17, HDW21, MGL+17, NSZS13, PWP19, PMvdG+13, RBP+21, SSB+05, SSS12, Sun99a, Sun90b, VT19, WZHZ16, Ano93c, BA06, BL0B18, BR04, BAG17, EFR+05, FLMR17, GM13, HDZ+20, JCP+20, KKM15, KJJ+16, KJJ+08, KH10, LLVM21a, LLVM21b, LME99, LGG16, LCMG17, LS08, MW21, PTL+16, RSC+15, SL00, TDB00, XJR21, YLC16, YWTC15, ZT17, dAT17]. Frameworks
[OP10, ASS+17, KDSO12]. France
[ACM90, BR95a, BFMR96, CHD07, DE91, FR95, JPTE94, MCD+08, VW92, YH96, GA96, IEE94c]. Francisco
[BBG+95, IEE93a, IEE94g]. Frankfurt
[Tou96]. Frankfurt/Main
[Tou96]. Fredericton
[BA06, BLVB18, BR04, BAG17]. Free
[DK20, KK19, PKYW95, CP15, MKK21, SOA11, Zab12]. freedom
[KTJT03]. Frequency
[IEE94e, SDR+21]. friendly
[SVC+11]. Frontiers
[ACM06b, IEE94a, IEE96c, Sie92a, Sie92b, Sie92a]. Frontiers'95
[IEE94a]. Frontiers'96
[IEE96c]. FSI
[HAA+11]. FT
[FD00, LDLE00, WTS19]. FT-MPI
[FD00]. Fujitsu
[Ano98, AKL99, BHS+02, SWJ95, SH96]. full
[CCF19]. full-orbit
[CCF19]. Fully
[GA96, ZL17, SSB+16, VLCM+20]. Function
[AGS97, Bri02, HHS17, MJDVG+17, KR17]. Functional
[ACM90, AJF+06, CNM11, NW98, SIE97, CBHH94, EP96, HMK+20, HSE+17, SFDL15, WZWS08]. functionality
[BF1M99]. functionally
[PSV19]. Functions
[BKGS02, Brü12, Hat98, MDM17, CDGM96, HXW+13, PN01]. Fundamentals
[Wal96a]. fused
[TW12]. fusing
[BAC20]. Fusion
[FHK01, FMMF15, LK20, PKE+10]. fusions
[FFM11]. Futhark
[HSE+17]. Future
[Dar01, IEE93d, Mat00a, BDG+93b, SWJ95, SH96]. Futures
[Kuh98]. fuzzing
[LLCD15]. Fuzzy
[Ano93b]. GAMMA [CC0a]. Gap
[AAB+17, ASS+17]. Garbage
[GTS+15]. Gas
[BMS94a, BBK+94, BMS94a]. GASPI
[SIC+19]. gather
[MTK16, Pro21]. gauge
[BW12]. Gauss
[BBG95, LM99, OS95]. GCel
[SHH94a, SHH94b]. GECCO [B+05]. Geist
[Ano95b, NMC95]. gem5 [PHO+15].
gem5-gpu [PHO+15]. Gemini [SW+S12].
gems [Fel04, mH12, gN08, PF05]. Gene
[GDM18, PCS94, AAC+15, BGH+15,
EFR+15, KMH+14, LM13, MV17, MSW+15].
gene-finding [PCS94]. Gene/L
[AAC+15, BGH+15, EFR+15, MSW+15].
Gene/Q [KMH+15, LM13, MV17].
General [AJYH18, Che10, IHI04, MW98,
SK10, SZBS95a, Sun94a, TPV20, ABDP15,
ADLL03a, ADLL03b, CBM+08, FLD96,
KPNM16, PF05, RSBT95, SSD+20,
SZBS95b, SMWS06, YPA94].
General-Purpose [AJYH18, Che10, SK10,
ABDP15, CBM+08, KPNM16, PF05].
generalised [TGS+20]. Generalized
[DFKS01, FKS96, BSC99, SD99, van93].
Generating [AZG17, CGL+93, ER12,
IJM+05, PKB+16, SFLD15]. Generation
[AB93a, CC17, FADF15, Gei96,
GYSY21, HT80, JFY00, LTDD14, RGD13,
SSK+18, SSB+17, TGBS05, VPS17, AB93b,
CPKG17, CPR+95, DCD+14, DWM12,
EYP+20, KHS12, KPL+12, KH10, LCH+22,
MMDA19, RBC20, SP11, TGKL19, WKS96,
WMP14, ZKRA14]. generational
[WK08a, WK08b, WK08c]. generative
[MA06]. generator
[Lan09, STP20, TNIB17, YL09]. generators
[CCS19]. Generic [ARS89, AKL99, GB98,
BAS13, BM13, ZT17]. Genetic
[TVB00, MTS89, MSCW95, PB12,
TGKL19, WKS96, Wal01a, WHDB05, AB13,
BB95a, FGST99, HPLT99, JPL22, RJ95,
Wal01b, B+05]. genetics [LM99]. Geneva
[IEE97b]. genomic [SmD10]. genomics
[CJP19]. GeoComputation
[ABr96, Abr96]. GeoFEM
[NO02b, NO02a, NAK03]. geomechanics
[BJS99]. Geometric
[DDP+19, TK19, VGP+19]. geometrical
[FMS15]. Geometry
[STK08, HoH95, STT96]. geophysical
[Has95]. Georeferencing [GGCS98]. Georgia
[USE00, UCW95]. German [EGH99,
GBR97, Gra97, GEW98, SEI99, Wer95].
Germany [BDLS96, GH94, KGRD10,
MTWD06, MsDC09, PSB+14, Sch93, Tou96,
Ano93a, BPG94, Cal94, GHH+13, WPH94].
Gesellschaft [Ano94c]. get [Str94].
Getting [Nob08]. GF100 [WK11]. gHull
[GCN+13]. GHz [Ano03]. Gibbs [TKP15].
Gigabit [CC00a, HeF05, EGH99, OF00].
Gigane [GT01, Tröne, BT01]. Gis
[CFPS95, CCMS97]. Give [DZ98b]. glass
[JRG21]. Glenda [SBF94, Bic95]. Global
[BG00, DSS00, Pan95a, Ros13, SHTS01,
STK08, SWH15, TTP97, HWS99, HCL05,
HEHCO9, LF+93a, Str94, Wan02, YLZ13,
Zah12, ZWS95]. Globally [BHS+20].
GLUE [Rah98]. GMRES [DiH94].
Gmünder [Vo93]. GNU [YSMA+17]. go
[KC94]. good [Mat03]. Göttingen
[Ano94c]. GP [LWB15]. GP-GPUs
[LWB15]. GPFS
[AHP01, BIC+10, PTH+01a, PTH+01b].
GPGPU
[AAB+16, ASB18, BGG+15, CVPS19,
CPM+18, HA11, HCZ16, JKN+13, LME09,
LDJK13, LCY19, LYZ13, MKBM12, PTG13,
TWLL19, TY14, YZ14, YNJS21, YEG+13].
GPGPUs [CS19, JMdVG+17, LSS15].
gpperMax [WGG+19]. gprof [GLJ11].
GPU [Che10, KAJ13, SPB+17, AKL16,
ADGA20, AHP17, BDP+10, BR12,
BOD+12, BCD+15, BDD+20, BAC+20,
BMS19, BWV+12, BBH12, CLOL12,
CBY18, CBGPA15, DSU20, DF17, DS22,
DS16, DK13, DALD18, DSO11, DWL+10,
DML+12, EBB+20, ER12, FA18, Fer04,
FMM11, FSSD17, GCHN+13, HSO+21,
HVA+16, HCC+20, HSE+17, HDW21, HK09,
HK10, HZG08, mH12, JDB+14, JLS+14,
JR13, JNL+15, JPL17, JPT14, KDS012,
Kha13, KSL+12, KPL+12, KF16, KI17,
KPNM16, KEGM10, KO14, KNH+18,
KMM15, LWSB19, LV12, Lee12, LRG14,
LLC13, LML+19, LW20, LAD16, LYGG20,
MMO+16, MBS20, MPZ21, MdSAS+18.
MGL\textsuperscript{+17}, N RdA\textsuperscript{+20}, Ngu08, NWT21, NMS\textsuperscript{+14}, NSM12, OFA\textsuperscript{+15}, Pan14, PDY14, PGdCJ\textsuperscript{+18}, PF05, PS19b, Pri14, RSC\textsuperscript{+15}, RS19, RBC20, RMM\textsuperscript{+12}, Sai10, SK10, SdM10, dO5MM\textsuperscript{+16}, iSYS12, SS09, SN19\textsuperscript{+19}, SS\textsuperscript{+20}, SCSL12, SIRP17. GPU

[SBK21, SAP16, SYL19, SD16, SSB\textsuperscript{+17}, SKM15, SKB\textsuperscript{+14}, SG14, TBB12, TS12b, TMT\textsuperscript{+20}, TPV20, VZ\textsuperscript{+19}, VT19, WZM17, WJA\textsuperscript{+19}, WGG\textsuperscript{+19}, WKP11, WYZ\textsuperscript{+19}, XJR21, XR21, YULM\textsuperscript{+17}, YHL11, YCL14, YSS\textsuperscript{+17}, YSS\textsuperscript{+19}, ZJHS20, ZGNZ22, ZRQA11, ZGZ\textsuperscript{+14}, ARYT17, PHO\textsuperscript{+15}].

GPU-Accelerated

[KA13, KF16, SCSL12, PGdCJ\textsuperscript{+18}].

GPU-Aware

[Pan14, FA18].

GPU-based

[MMO\textsuperscript{+16}, SS09].

GPU-clusters

[NWT21].

GPU-code

[EZBA16].

GPU-enabled

[SBK21].

GPU-Job

[PS19b].

GPU-programming

[HSE\textsuperscript{+17}].

GPU-Resident

[JDB\textsuperscript{+14}].

GPUMP

[ZC10].

GPUrpc

[IFA\textsuperscript{+16}].

GPUs

[AJYH18, ABG20, BLVB18, BY12, BC19b, BDA\textsuperscript{+18}, CPJC19, CPFG17, DS13, DS16, GNP19, GML\textsuperscript{+16}, GFPG12, GPC\textsuperscript{+17}, GM18, HTJ\textsuperscript{+16}, HLP10, HP11, HLP11, Hos12, HWW21, IFA\textsuperscript{+16}, JKM\textsuperscript{+17}, JAK17, KGB\textsuperscript{+09}, KKM15, KKL11, KC19, KVGH11, KW20, LWKA15, LBH12, LRBG15, MA09, MYL21, NS20, ÔN12, OIH10, PP16, PSV19, PB12, SHLM14, SN1\textsuperscript{+20}, STH22, SDB\textsuperscript{+16}, SKK\textsuperscript{+12}, TPK\textsuperscript{+19}, Tsz12, VLMPS\textsuperscript{+18}, VY15, WRSY16, WQKH20, WJ12, WJB14, YLZ13, YSWY14, ZLWW20, ZC10, Zho21, ZZZ\textsuperscript{+15}].

gpuSPHASE

[WMRR17, WRMR19].

gpuVerify

[BCD\textsuperscript{+12}].

GQ

[RG\textsuperscript{+00}].

gQoS

[LYGG20].

GRACE

[YKI\textsuperscript{+96}, ZRQA11].

GRADE

[DDL00].

graded

[PSV19].

Gradient

[BG95, GFPG12, SK\textsuperscript{+18}, BAC20, KN17, MM92, Ols95].

Grain

[AZG17, IOK00, KOI01, MJPB16, NIO\textsuperscript{+02}, NIO\textsuperscript{+03}, BK11, JCP15, KW14, SFL\textsuperscript{+94}].

Grained

[PSV19].

Gradient

[BG95, GFPG12, SSK\textsuperscript{+18}, BAC20, KN17, MM92, Ols95].

Gravitational

[ZSK15, KM10].

Greece

[CD01, CDND11, SM07, TG94].

green

[PTL\textsuperscript{+16}, LWKA15].

Grid

[AB93a, CGB\textsuperscript{+10}, CLLO3, DPP01, Fo198, KT02, Lao11, Liv00, MRB17, PLK\textsuperscript{+04}, Rei01, SSK\textsuperscript{+18}, TGEM09, AMKM20, AB93b, Eng00, GLM\textsuperscript{+08}, KKS11, KTP21, PSV19, WYL12, AASB08, BR04, CCHW03, DCD08, FC11, GFB\textsuperscript{+03}, GL02, KTP03, KGO\textsuperscript{+03}, KSBS07, LC07, LS08, NSBR07, RPM\textsuperscript{+08}, RTFR\textsuperscript{+07}, SHTS01].

Grid-Adaptive

[KT02, KTP21].

Grid-Enabled

[Fo98, GLM\textsuperscript{+08}, KTF03].

Grids

[NO02b, ACH\textsuperscript{+11}, CC10, KBG\textsuperscript{+09}, NO02a, NB96, TK19, XJR21, BBH\textsuperscript{+06}, GR07, Ram07, SN01].

GROMACS

[BvdSvD95].

Gropp

[Ano95c, Ano99c, Ano99d, Ano00a, Ano00b].
Gross [LBB+16, LYSS+16, SSB+16, YSVM+16, YSMA+17]. Ground
[HTHD99, NS16]. Groundwater
[MMD98, AFST95, E GDK92]. Group
[AD98, Ano98, Ara95, ACDR94, CHD07, CHD09, CD01, CDND11, DKD05, DLM99, DPK00, GN95, KGRD10, Kra02, KKD04, LKD08, MC94, MTWD06, RWD09, TBD12, UM97, WQKH20, BDW97, DLO03, MMU99]. grouping
[GOM01]. Grover
[LYZ13]. Growth
[PKYW95, BB95a]. GTS
[PKE+10]. Guest
[AM07, GSA08, GT19]. GUI
[VGS14]. GUI-awareness
[VGS14]. guidance
[SDJ17]. Guide
[Amo12, D+91, GBD+94, Lad04, Nov95, NMC95, Per96, Ano95b, BDG+91a, McK94]. Guided
[FDG19]. Guideline
[Tra12b]. Guidelines
[TGT10]. GVirtuS
[MGL+17]. Hack
[DLV16]. Hadoop
[LSM+18]. Hague
[Ano93f]. Halide
[RKA+13]. halo
[BBW19]. halo-swapping
[BBW19]. Hamburg
[PSB+94]. Hamiltonian
[ART17]. Handling
[DFC+07, FMSG17, LSB15, LGM00, RC97, FFCF99, LN+12, THRZ99]. Hands
[KmWH10]. Hands-on
[KmWH10]. Harbor
[BBC+00]. Hardware
[BGG+15, BWW+12, Bri92, BCP00, CDP03, DW02, EADT19, FGL+20, GJMM18, HSP+13, KF16, LSW11, MFC98, PSM+14, PKB+16, SSK+18, SSSLW10, ZGNZ22, vdLJR11, ER12, GGL+08, PMZM16, Ra99, RS21, SBG+12, SH94, SWS+12, YAJG+15, ZLS+15]. Hardware-Based
[CDP03]. Hardware-oblivious
[HSP+13]. harmonic
[GSMK17]. Harness
[EBKG01, MS99b, PL96, FBD01a, FBD01b, FBVD02, FD02a, FD02b, MSF00, Gei98]. HARP
[FDG19]. Harrogate
[CJNW95]. Hartree
[CBHH94, MDA19]. HASEonGPU
[EZBA16]. Haskell
[WO97]. Hate
[Dan12]. Hawaii
[ERS95, ERS96, HS94, MMH93, ZL96]. HCA
[KBG16]. HDL
[Kat93, KMK16]. HDMR
[KD12]. Heading
[Sch99]. Heaps
[GFTJ19]. Heat
[SAS01, NP94, iSYS12]. Hector
[RFRH96, RRG+99]. Heijen
[Van95]. held
[AGH+95, GA96, JB96, KG93, MMH93, Old02, R+92, SPH95, TG94]. Helios
[SPK96]. Helmholtz
[HMKV94]. Helps
[Stp02]. HeNCE
[BDG+92a, BDG+92b, BDG+93a, BDG+94]. Hénon
[JPT14]. Herzliya
[IIE96h]. HeSSE
[MRV00]. Heterogeneous
[ABB+10, BDG+93a, BDG+93b, BL95, BCP+97, BGR97b, BCP00, CMMR12, CLO18, CLBS17, DKK20, DGM93, DGMJ93, FDG97a, FDG97b, FL98, Fos98, GS91b, GDDM17, HSO+21, IIE93f, KR09, KCR+17, LC93, LSB+18, MRV00, MM01, MM02, NTR16, OPJ+19, PD98, PHO+15, RKVP19, SM19, SMS00, SG10, TQDL01, VLO+08, ACGD02, ADB94, ADD95, AMV94, BDG+92c, BDG+94]. BALU95, BRR99, BAG17, CCM12, CFP99, FBM99, GKEZ12, GCN+10, GDEBC20, GKF13, HHS8, HK94, IP+18, KSG13, KSL+12, Kos95b, KSS+18, LBG+20, LCL+12, LR06a, Lec12, Mai12, MLS12, MM03, NP94, NEM17, Pen95, PSB+19, RCFS96, RKVP18, SCJH19, Skj93, Smi93b, Sun94b, Sun95, TBD12, TMW17, TKP15, TDG13, VB99, VGP+19, WCC+07, WZW21, YST08, YSL+12, ZJDW18]. HeteroMPI
[LR06a, VLO+08]. Heuristic
[BHM96, STV97, WH94]. HI
[ERS95, HS94, IEE96e, ACM97a]. HICSS
[ERS95, MMH93]. HICSS-26
[MMH93]. HICSS-29
[ERS96]. hiCUDA
[HA11]. Hierarchical
[BM01, BFSN01, HA10, HL17, MB18, MALM95, RR02, ADMV05, BD03, GJMM18, LZ2+20, OKM12, YPZC95]. hierarchies
[SY+09]. High
[ACM97b, ACM98a, ACM98b, ACM00]

I-SPAN [LHHM96, Li96]. I-WAY [FGT96]. I/O [Bos96, CFF⁺96, DRUE12, IRU01, IBC⁺10, KLH⁺20, LkLC⁺03, kLLC⁺06, LPJ98, MMD98, MV17, MC18, MGC12, MG15, NFK98, OWO98, FS098, PLR02, RK01, SBQZ14, SR98, Tha98, Tsn07, WSN99, ZJDW18]. IASTED [Ham95a]. IBM [AL93, Ano03, BB⁺94, BGBP01, BR95c, BR95b, Bri95, CEE00, CDM93, FHP94b, FHP⁺94, FHP⁺95, Fra95, FWR⁺95, GLJ5d, HSMW94, HMKV94, Heb93, JF95, KB98, KAC02, KHS01, KMH⁺14, LC97b, MP95, MW93, MABG96, NMW93, WZWS08, XH96]. IBM-SP1 [FHP94b]. ICA [IEE96d]. ICAPP [Nar95]. ICCMSE [SM07]. ICIP [IEE94b]. ICPP [Agr95a]. ICS [RV00]. ID [DGG⁺12]. Idaho [Str94]. Ideas [IEE95d]. identification [HPLT99]. Identifying [CTBT21]. identity [KN17]. IEEE [ACM97b, ACM98b, ACM04, ACM05, Bha93, IEE94e, IEE94g, IEE95b, IEE95a, IEE95k, IEE96g, IEE96f, IEE96d, IEE02, Nar95]. IEEE/ACM [ACM04]. IFIP [Boi97, DR94, PSB⁺94]. IFS [AHP01]. Igniteg [SBK21]. Igniteg-GPU [SBK21]. Igniting [ACM03]. II [DE91, GE95, HS94, BPS01, BWW⁺12, EM00b, GAVRRL17, Sta95a]. III [BPG94, BP93, DSM94, GE96, Has95, OKW95, SSGF00]. ILDJIT [CARB10]. I'll [Har94]. Illumination [STK08, ZWHS95]. ILU [ABF⁺17]. ILU-preconditioned [ABF⁺17]. im [Gra97]. Image [DYN⁺06, FDL91, FLS20, FJB⁺00, GA96, GPC⁺17, KBA02, KS01, LSZL02, MC18, NJ01, PLR02, RRB01, WN10, WYZ⁺19, ARL⁺94, ASB18, DZZY94, GDC15, JC96, KKLL11, LK20, RKBA⁺13, SLS96, UH96, Wa99, YULMTS⁺17, YPZC95, YZPC95, dAT17, SBB20]. Imagery [GGCM99, GGC001, GCGS98, GGGC99]. Images [SSB21, Uhl94, Uhl95b, VLO⁺08, NAJ99, RTN21]. Imaging [NH95, Has95, LM13, Pat93]. Imbalanced [Pro21]. imbalances [MLVS16]. IMEC [ZL17]. immunodominance [ZW⁺17].

Impact [ADLL03a, ADLL03b, BRU05, Brü12, TSS00a, WHDB05, DO96, FS14, SHHC18]. impacts [Str94]. Implement [GM95, Gro19, PPT96c]. Implementation [AB93a, AKL99, BGC⁺15, BGBP01, BPS01, BG95, BHP⁺03, BBS99, Ben01, BP98, BCD⁺15, Bjo95, BJS97, BJC⁺10, BM02, BRM03, BMS94b, BMG07, BDA⁺18, CGC⁺02, CFM95, DYN⁺06, DAK98, DWS⁺21, EFR⁺05, ES11, FH97, FD04, FHSO99, FSXZ14, FJBB⁺00, FHPS94a, FHPS94b, FHP⁺94, FSLS98, GBH99, GB98, GBS⁺07, Gro02a, HPP02, HMKG91, HRZ97,
Implementation

[Sto98, SNMP10, Sur95b, Swa01, SL95, TSC41, TP15, TD15, TA14, TV15, TV15, VGR16, VM95, Was95a, WM17, WM1919, YPA94, ZLS95, dH94, dIAMCFN12, van93].

Implementations

[AKK94, Ano01a, ACMR14, AJF16, BM00, BS07, BEG10, DFP19, FB94, Gro02b, kLCC06, LCW03, Mar02, ORA12, Sap97, TSCa12, TEG19, VS00, WT12, ZDD07, CLSP07, ER12, ED94, GML16, ICC02, KWEF18, MKP16, NN95, Pri14, RLFdS13, WLN18, WT11, YCL14]. implemented [BBDH14, EP96, VLC120].

Implementing

[CDT05, DP97, Fin94, Fin95, GL95b, HB96a, HB96b, LRT07, MMH98, MS99c, MSB97, SSC96, SS99, SMT96, SGH101, SCC95, Tra02a, Wil93, BWT96, LHZ97, YX95]. Implementor [GL95b]. Implicit

[BCG110, PCY14]. Importance-Driven

[PCY14]. Improve [KBS94, SKH96, Tha98, ZWL21, GKH1, HD00a, RHG96].

Improved [Trö02b, AFG21, MNO16, XJR21, dIAMCFN12]. improvements [DPS08]. Improving [CGZ13, DZ96, DCP12, DCPJ14, GSY13, HE02, IRU1, KLH20, KH12, KW20, KK02b, LB98, MK97, MPZ21, PTG13, RSC15, SM12, SPBR20, SCL00, XF95, CZ96, JKN13]. Imputation [Zho21]. In-depth [MKP22]. in-house [ZLZ11]. in-kernel [CZP21]. In-Memory

[CLL18, ZL17, CRM14, HSP13, SBK21]. In-Place [LTS16, HSE17, PSHL11]. Including


[YK18]. Independent

[BB100, BRU05, BDA18, CSW12, CBS18, CDMS15, DiN96, MV17, YBL01]. Index

[DALD18, LAD16]. Index-Digit

[DALD18, LAD16]. Indexers [Wal01a]. Indexers/Crawler [Wal01a]. Indexing

[LTR00]. India

[CGB10, IEE96a, Kum94, PBPT95]. indicator [FSV14]. Industrial

[BPMN97, DHHK97, ALR94, ABC95a, ABC95b, BT96, EKT99, Was96, Kon00]. industries [Ano93a]. Industry

[DM98, Ano94f]. Industry-Standard
inefficiency [HGMW12]. Inertial [Str97]. Infer [VBB18]. Inference [BBD+20, LAdS+15, TVCB18]. Inference-Based [BBD+20]. InfiniBand [LCW+03, LVP04, LWPO4, PK05, PRS16, SPK+12, ZLP17, SWHP05]. InfiniBand-based [PK05]. inflation [OdSSP12]. influence [Gra97]. influencing [KSC+19]. inform [FGL+20]. Information [Ano98, CGB+10, Ano93c, CG99b, Gro99, IMS16, MMR99, WADC99, PSB+94]. infrastructure [GFIS+18, WLR05]. infrastructures [GWVP+14]. Initial [LLH+14, VDL+15, AL96, LSR95]. Initiated [SSB+05]. initiatives [Sun95]. initio [SSGF00, SEC15]. Injection [RRAGM97, SAL+17]. Inn [IEE93c]. Innovation [ACM03]. Input [CF+94, YNJS21, CPKG17, LCH+22, SHM+12, JWBJ09]. input-aware [SHM+12]. Input-Output [CF+94]. Input/output [JWB96]. Insight [IEE02]. Insights [FG+20]. Inspection [BPMN97, DLLZ19, DLLZ20]. inspired [NEM17, TDB00]. instances [RBAI17, ZLZ+11]. Institute [Old02, TG94]. Instrumentation [MVFY95, Yan94]. Insurance [PZ12]. Integer [ASA97, CF01, Ger18, WLC+22, SHM+12, JWBJ09]. Integrate [GLRS01]. Integrals [FBSN01, NS16]. Integrate [GLRS01]. Integrating [BCLN97, CM98, Fin00, GJP01, KJA+93, KAH96, wL09, STP+19, WTF014, TWFO09]. Integration [CGC+11, CSW97, FD96, FB94, MAIVAHL, Sei99, AL96, CSW99, KB13, RMS+18, RBB15, STA20]. Integrator [Per99, SP99]. Integrity [KQT+21]. Intel [Ano96c, Ano03, CBGL19, DSGS17, GDS+20, MP95, MKP22, OTK15, URKG12, VDL+15, YSMA+17]. Intelligence [BPG94]. intelligent [IEE95a, ZWZ+95]. Intel(R) [TBG+02, MMDA19, SB04]. INTenSities [ARYT17]. Intensive [LCW+03, Reij01, BFLL99, BKML95, LSM+18, SL94a]. Inter [KFL05, LAFA15, FKLBO8, LFL11, RS19, SDB+16]. Inter-Atomic [LAFA15]. Inter-Node [KFL05, FKLBO8, LFL11, RS19]. inter-workgroup [SDB+16]. Interaction [DMMV97, GFS99, NSLV16, Sou01]. interactions [PARB14]. Interactive [Coo95b, KAA13, NE98, RTRG+07, STK08, Coo95a, IJM+05]. Intercommunication [TMP16]. Interconnect [Brü12, SJ02, BWT96, SWS+12, TBD96]. Interconnected [Hus00]. Interconnecting [MC98]. Interconnection [MANR09, SB95, AV+16]. Interconnects [AJC+20, RA09]. Interface [Ano93d, Ano01b, BCFK99, BC19a, BDH+97, CHD07, Cer99, CGH94, CDND11, DFKOS1, DHHW92, DHHW93a, DBK+09, FKKC96, FSLS98, Gle93, GLS94, GL95c, GLDS96, GLTO06, HDB+12, HSA97, KS95, KGRD10, KKDV03, KKD04, LKD08, LkLC+03, LW97, MP198a, MP198b, MS98, MMS98, MMSW02, MTSW06, PS01b, RWD09, SSL97, TDB00, TWD01, TBD12, WDB96, Wer95, YHL01, Ada98, AD98, Ano93c, Ano94d, BCBR99, Br05, BDW97, BK00, BR94, CFKL00, CFF+96, CD01, CG99b, DK05, DBB+16, DS96a, DLM99, DKP00, DLO03, EYP+20, GRW+19, HYP+93, HKH+19, HRR+11, IMS16, JKN22, KOB01, KSI96, KBHA94, Kra02, NS91, Pie94, PR94a, RMS+18, SL94a, SWJ95, SDV+95, VM95, Wal94a, Wal94b, ZWL13, ZKRA14, AMHC11, BC14, BBH+06, BR05, BDH+95, Co04, DED08, Din96]. Interface [FSG96, FGT96, FGG+98, GGHG+96, GLT99, GLS99, GLTO0a, GL04, Han98, ...
Jack [Ano95b, Ano96a, Ano99a, Ano99b, Nag05, NMC95]. Jacobi [BBDH14, CGU12, LM99]. JaMP [KBVP07]. January [ERS96, GE96, HS94, IEE95h, IEE96g, MHH93, USE95]. Janus [GP01]. Japan [SHM+10, SPE95, HHK94, IFI95]. Jason [Che10]. Java [ACM98a, Ano97, BCFK99, BDY99, Bra97, BK00, BKO00, CGJ+00, CFKL00, CLL03, DeP03, Fer98b, Fer98a, GGS99, KOB01, KVP07, LRW01, MSS08, MG97, NE98, RAS16, SMS00, SZZ99, TDB00, VGRS16, VG14, WN10, WSC99, YC98, YHGL01]. Java-based [WCS99]. Java-MPI [GGS99]. Java/CORBA [LRW01]. JavaNOW [TDB00]. Jaypee [CGB+10]. Jeff [Stp02]. Jersey [Bha93]. Jerusalem [DSM94]. Jiang [Ano95b, NMC95]. JMI [GDEBC20]. Job [KSC+19, NSS12, PS19b]. Jobs [GSHL02, OPM06, WDR+19, ZA14]. Join [BDG12, LTRA02, SML17, BMS+17, SML19, She15]. Joint [GT94, Ano03, YHGL01, Ano93c]. JOMP [BK00]. Jose [ACM97b, GE95, GE96]. JPEG [CLBS17, NU05]. JPT [BDY99]. JPVM [Fer98b, Fer98a, LGCH99]. Jr [ACM99]. Juggler [BLVB18]. Julia [Cra13]. July [ACM95b, ACM97a, Boi97, EV01, GA96, Has95, IEE93c, IEE96i, Lev95, PW95, TG94]. Jumpshot [ZLGS99]. June [ACM90, Ano94f, B+05, BG91, CGZ+08, CGKM11, CMMR12, DSZ94, DW94, D+95, IEE94e, IEE95c, IEE95i, IEE96d, IEE96h, KG93, LHH96, LI96, MCDs+08, MdcS09, R+92, SL94a, SHM+10, TG94, Vos03]. Jupiter [Str94]. Just [FKL08, FSSD17, KFL05, FK94]. Just-In-Time [FSSD17, FKL08]. JVMPI [DeP03].

LCMG17, LBB+19, LM13, MALM95, NS91, Nak05b, RBW+20, STY99, SCL97, SG14, SFLD15, WDR+19, YZ14, ZWZ05, ZZZ+15, BBH...13a]. levels [AML+99]. Leveraging [BBW19, HDB+12, NPP+10c, SHLM14, BPJ22, LFL11]. LFIB4 [Stp20]. LIB [NPP+00d]. libefp [KS15a]. libOMP [BGD12]. Libraries [BHLS+95, BWV+12, CGZQ13, DARG13, GFD05, IEE94f, IEE95], MLGW18, MM14, ARvW03, BCM11, BFD94, CRD99, DWS+21, GS94, PS07, Skj93, SDB94, SSG95, DHK97]. Library [AKL16, Ada97, BS21, Boo01, BLW98, CBB+20, CBB+21, Co005b, DHP97, EM02, FHK01, For95, GBF+03, GS197, Gro02a, HB96b, IKT00, JPT14, KBG16, MKK21, OD01, PLK+04, PS01a, RR02, Röt19, Saa94, SBG+02, Sta95b, SKH96, TD98, UTY02, WN10, YKL17, ZC10, Ada98, AMHC11, Arn95, CSS95, CGG10, CCS19, Co005a, DRUE12, DXB96, FBR97, Fan98, FKK+96b, GDC15, GO19, GLM+08, GL94, HB96a, HLM+17, Har94, Har95, KJM+17, JC96, KS15a, KN95, LR06a, MS96, PKB06, PS00b, RFIH+95, SCS96, SH96, TK19, VCLM+0, ZT17, CC95, McD96, Sum12]. Life [PZ12, Str94]. Lifting [vdLJ11]. light [LK20]. Lightweight [CKmWH16, DT17, FLB+05, KMK16, SWCB20, TCM18, FS95, HHWA21, Ott93]. Like [BST+13, BK00, BKO00, CGJ+00, HY20, KOB01, TSEE21, VGS14, CSS95]. Likelihood [TSN21]. Likelihoods [MSCW95]. LIME [DRUE12]. Limits [GB96, MBKM12]. LINDA [KS96, MSEP, BL99, CSS95, Gal97, Mat94, Mat95, TB00]. Linda-like [CSS95]. Line [BoFBW00, CGS15, Wis98, Bor99]. Linear [ASA97, BDT08, BG95, DDDH+19, Gao03, Huc96, LLY93, LZ97, MB18, MGMM97, MSB97, YKW+18, ZT1D19, van97, BS95, BAC20, BKvH+14, BAV08, BR99, CEGS07, DR18, Gra09, GFPG12, Jou94, LSB+20, LRLG19, MW98, MM11, OKW95, SCC96, SMSW06, VCLM+20, dCH93, dH94]. Linear-scaling [Ga003]. linearization [MH18]. Lines [NE01, YULMTS+17]. Link [BGR97b, SJ02]. Linked [WJ12]. Linköping [FF95]. LINPACK [JNL+15]. Linux [Sei99, USE00, SSSS97, Ano01a, GSN+01, MK04, OF00, PS07, PKB01, RST06, Sei99, SMTW96, Sle05, SGL+00, YL09]. Linz [Kra02]. lipid [FHS99]. Liquid [DS00, JLS+14, ZL18]. Lisbon [IEE93d]. LISP [ACM90]. List [Tra98, WJ12]. Lithe [PHA10]. Lithography [RDMB99]. Liverpool [AD98]. LLVM [SML17, SML19]. Load [Ano94b, BkSh01, BS05, DI02, DR95, DK06, GCB12, HE02, KSB+20, MM02, NP94, PT01, Pu95, SGS95, ST97, Wal01a, Bir94, CKO+94, DZ96, DLR94, DvdlVS94, EZBA16, FMN96, FH97, GS96, Hum95, JH97, MM03, SCL97, SY95, Wi94]. load-balanced [EZBA16]. Local [BSG00, CDHL95, CCM97, IKM+01, LBB+19, AMHC11, BY12, CGL+93, FS14, IKM+02, LH+94, LHD+95, PPH+22, RRJ+20]. Locality [AAB+16, MJB15, TPK+19, ZLP17, BHR08, CMZ99, HJYC10, KW20, RKBA+13, WRSY16]. Locality-Aware [AAB+16, MJB15, HJYC10]. localization [HC08]. Localized [DDN+22]. Locally [BHS+02]. Locating [PNV01]. Lock [ALB+18]. Lock heed [Str94]. Locking [KL11, CAWL17, PGK+10]. Log [DDN+22]. Logging [BCH+03, DDN+22, LBB+19]. Logic [Kl17, BJ95, KMC96, KMC97, POL99]. Logical [SR98, TPLY18]. Log P [CKP+93]. London [EJL92, Ano93h, Ano94f]. long [DFD0R+19, ZCBD22]. Longest [Per21]. Look [HCZ16]. lookup [BJ13]. Loop [DMB16, HC17, SHM+10, TPJF12, AV18, SHLM14, WYLC12, WLYC12, YST08, YWC11]. Loops [AHD12, CLA+19, COE20, DSC05, HH22, LOH01, RRJ+20].
Loosely [Ada97]. Lop [RGDML16, RGDM15]. Louisiana [USE95, IEE96b]. Love [Dan12].
Love-Hate [Dan12]. Low [BGG+15, FLS20, GGS99, Jon96, MC17, NE01, RLL01, SM19, Str94, GK97, KBHA94, LZHY19, TBD96, ZRQA11].

M [PBC+01]. M-SPH [PBC+01]. M2L [KKB+21]. M6A [EM00a]. M6B [EM00b]. MA [Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b]. Machine
[AS92, AGIS94, BJ93, BS93, CHD07, D+91, FE17a, FE17b, Fis01, GBD+94, Gre94, JCP+20, KNT02, KKD03, KKD04, LKD08, MTWDO9, Nov95, NMC95, Pat93, Per96, RWD09, TY14, VSO0, Wel94, AD98, AL92, Ano95b, BR91, BDG+91a, BPC94, Bir94, DLD96, DBW97, CARB10, CLM+95, Cav93, Cha96, Che99, CD01, CC00b, DM93, DDK05, DLM99, DKP00, DLO03, FM90, KWF18, KMC97, KSS+18, Kra02, LG93, MN91, MRR+96, NB06, Sch94, SK92, SCC96, SL00, TVCB18, TW12, TWF009, WO09, WTX014, ARL+94, BG94b, JPP95, KKD05, LK10, QRG95, SSS96].
machine-learning [TWF009].
machine-learning-based [TWF014]. Machines [BP99, BZ97, BCC+00a, BT01b, CDT05, DR97, EGR15, GB96, GTS+15, HC10, MGL+17, STY99, SCSL12, ZWJK05, BCA+06, BSC99, BCC+00b, BBW19, BB95b, DDS+94, DCH02, GKZ12, Hol95, KN95, PRS16, RJI+20, SL94b, TSY99, TSY00, WPL95, ZWL13, Gei01, YC98]. made [MJPB16]. MAFFT [ZLS+15].
[MJB15, CDOO+20, DJ+19, KGB+09]. Map [JPT14, FMM11, FJBB+00, MCM95]. MAPA [JPL17]. Maple [Pet00a, Pet00b, Pet01]. Mapping [BB18, DDP+19, FDG19, GAMR00, HC06,
NTR16, RRBL01, SPB+17, Ta21, TSZC94, WO99, ASAK19, DDLM95, EO15, GFIs+18, HC08, TWF09, WCS+13, WTF014, WK08a, WK08c, dCZG06, WK08b.

**MapReduce** [EADT19, GGZ+20, JS13, MMM13, PD11, WZH16].

**Maps** [BM97, KRC17]. **Marc** [Ano96a, Ano99a, Ano99b, Ano99d, Nag05]. **March** [ACM95a, ACM06a, Ano89, Ano93c, Cal94, DKM+92, IEE93f, IEE94d, IEE95b, IEE97a]. **Marine** [LLRS02]. **market** [LF93a]. **Markov** [BBH12, FK01]. **Marlioz** [GA96]. **Marsa** [Stp20]. **Marsa-LFIB4** [Stp20]. **marshaling** [CFKL00]. **MARTE** [RGD13]. **Martin** [ACM99]. **Maryland** [IEE96c, SPH95]. **MASA** [dFdOSR+19, SMM+16]. **MASA-OpenCL** [dFdOSR+19]. **Massachusetts** [IEE94e]. **masses** [Cla98]. **Massive** [Sie92a, MALM95, OLG+16]. **Massively** [Bj93, BHS12, DSZ94, IEE94a, IEE96c, KHS19, KmWH10, LPJ98, Oed93, Sta95b, CS96, DR94, HVSC11, KN17, KB21, LCL+12, MYB16, RBB17, SRK+12, DSZ94]. **massively-parallel** [MYB16]. **Master** [FH98, EML00, LTR00, HP05]. **master-slave** [HP05]. **Master-Workerproblem** [FH98]. **Master/Slave** [LTR00]. **Master/Worker** [EML00]. **Matching** [GGC+07, KMM15, KS01, MM02, OWSA95, WH94, FLPG18, FGL+20, GMA20, LFS+19, MM03, Qu95, YPZC95, YZPC95]. **Materials** [STH22, Y+93, PSV19, SSP+94]. **Mathematical** [Per21, VZT+19, Wan97, Has95]. **Mathematics** [Whi04, ANS95]. **MATLAB** [BKGS02, RBC20, Whi04, Ano97, Bra97, ZZG+14]. **MATLAB-MPI** [BKGS02]. **MatlabMPI** [KA04, Kep05]. **Matloff** [Edd18]. **MATOG** [WG17]. **matrices** [DR18, GG99, GSMK17, Kan12]. **Matrix** [AKL16, BSvdG91, Cha96, DS13, DK20, Fuj08, GK10, KF16, KK19, MKK21, PMvdG+13, TQDL01, TD98, ART17, CMH99, ER12, FAF16, FJJ+14, KPB16, MPS20, PKD95, TPD15, XXL13]. **Matrix-Free** [DK20, KK19, MKK21]. **Matrix-Vector** [AKL16, DS13, Fuj08, XNL13]. **matting** [WLYL20]. **Maui** [ACM97a]. **Max** [Ano94c]. **Max-Planck-Gesellschaft** [Ano94c]. **Maximal** [BDA+18]. **maximisation** [CCU95]. **Maximizing** [PIR+20]. **Maximum** [TSN21, HKOO11]. **Maxwell** [And98, IILnH+21]. **May** [ACM96b, ACM06b, AGH+95, BR95a, BS94, Cha05, DT94, EdS08, Gat95, HS95a, IEE95e, IEE95d, IEE95i, PR94b, RV00, SPE95, SW91, SS96, Van95]. **Maydan** [Stp02]. **MBCF** [MMH99]. **MCA** [WCS+13]. **McDonald** [Stp02]. **MCHF** [SYF96]. **McLean** [IEE94a, Sie92a, Sie92b]. **MCNP** [MW93, McK94, WH96]. **MD** [IEE02, TMPJ01]. **mdb** [DFK94a]. **MDE** [RGD13]. **Means** [TK16]. **Measurement** [BFBW01, BFIM99, KRS99, Shi94, TMC09]. **Measurements** [HvA+00, EFR+05, GL99]. **MECCA** [AC17]. **mechanics** [Bil95, MGG05, SL95]. **Mechanism** [CGLD01, KSV01, MH01, THS+15, TSS00b, Tra02a, HWX+13, SIRP17, ZRQA11, ZA14]. **Mechanisms** [Wa101a, CBGR+15, Ott93, TMTP96]. **Mechatronic** [KDL+95b, KDL+95a]. **mEDA** [VAT95]. **mEDA-2** [VAT95]. **media** [EZBA16, MAIVAH14]. **Medical** [WYZ+19, RTN21]. **Medicine** [GA96]. **MEDINA** [AC17]. **Medium** [CW+20, WLNL06]. **medium-scale** [WLNL06]. **Meeting** [AD98, Ano93f, CHD07, CD01, CDND11, DKD05, DLM99, DKP00, DLO03, GA96, KGRD10, Kra02, KKD04, LKD08, MC94, MTWD06, RWD09, TBD12, BDW97, JB96, SPH95, Ano92, CHD09]. **megabase** [SdM10]. **Meiko** [FST98a, FST98b, Jon96].
Melia [WZH16]. Mellon [IEE94d].
Membership [BMS19, MDM17].
membrane [FHSO99].
Memory [ADGA20, Att96, BME02, BWW+12, Bri10, BdS07, BT01b, CVPS19, CDT05, CLOL18, CLA+19, CSW’97, CCG98, DM98, DMB16, DR97, DHHW92, DHHW93a, EADT19, FB94, GGZ+20, GCBM97, GB96, GSN+01, GSHL02, GLRS01, HC10, HDB+12, HDT+15, HT01, JJP’17, KB98, KS13, KC19, KSHS01, LML+19, Luo99, MB12, MRB17, MBE03, M¨u02, NPP+00d, PBK00, Pok96, PMvdG+13, Ros13, STY99, ST02b, SW91, Thr99, VS00, VT97, WJA+19, ZL17, ZL18, ARS89, ABC195a, ABC195b, ADMV05, BCA+06, BVML12, BSC99, BMG07, CdOO+20, CBPP02, Cha05, CJvdP08, Cha96, CBHH94, CRM14, CC00b, DF17, DLR94, DBVF01, DPF+19, DHHW93b, DPZ97, EVMP20, EV01, FSV14, FHB+13, GCB99, GB96, GKK09, GL96, GL97c, GP95, GADM20, HSP+13, HGMW12, HDB+13, HK90].
memory [JC17, JE95, KN95, KSTM20, KJA+93, KC06, LKL96, MLC04, NAJ99, NAAL01, OLG+16, PK05, PS00b, QM21, RS19, RGD+15, SSH08, SHHI10, SL94b, SG+12, SYR+09, SFL+94, SCS96, SLP’99, SBK21, SD16, SPBN14, TSY99, TSY00, THDS19, TSCS14, UhI95a, Vos03, Wal94a, Wal94b, WP95, WK08a, WK08b, WK08c, WK20, WBS+17, WMRR17, WMR+19, YX95, LBD+96, GK97, SG05].
Memory-access-aware [CLA+19].
Memory-Based [MMH98].
memory-constrained [TSCS14].
Memory-Divergent [WJA+19].
Memory-Efficient [GGZ+20, MRB17].
memory-level [HK09].
Memory-Oriented [ZL18].
Memory/Message [ST02b].
MemTo [GSN+01].
Menon [Stp02].
Mesh [DDP+19, HAA+11, MRB17, Ran05, BAS13, CLSP07, Cour93, GBR15, HDZ+20, IDS16, SWCB20].
mesh-oriented [HDZ+20].
mesh-particle [BAS13].
Meshes [MRB17, TPD15].
Mesoscopic [VT19].
Message [Ano93d, AKL99, Att96, BC19a, BZ97, BCH+03, BBG+99, BBG+01, BDH+97, BGR97b, BFM97, CDH07, Cer99, CGZQ13, CGH94, Cot97, Cot98, CTK00, CDND11, DFKS01, DDN+22, DHHW92, DHHW93a, DDL00, FKKC96, Fos98, FB94, GR07, GB96, Gle93, GLRS01, GLS94, GL95c, GLTo0b, Hen94, KGRD10, KS97, KSV01, KKD03, KKD04, LK100, Luo99, MP198a, MP198b, MP95, MS98, MBES94, MG97, MTWD06, MSS97, NW98, PBK00, Pok96, RC97, RRBL01, RWD09, RFG+00, SAL+17, ST02b, TBD12, WD96, Wer95, Wis97, YHGL01, ZWL13, ZG95a, ZG96, ZLL+12, Ada98, AD98, AAC+05, Ano93e, Ano94d, Ano95c, Ano00a, Ano00b, AMC+19, BBG+14, BL97, BvdSd95, Bjo95, Bruf95, BDW97, BFIM99, CGJ+00, CDZ+98, CRD99, CD01, CG99b, DKF93, DM93, DKD05, DS96b, DHHW93b, DOSW96, DLM99].
message [DKP00, DLO03, FGL+20, FK94, GMA20, GL92, HP05, HPY+93, Hen96, JKN22, KJA+93, Kra02, LR06a, LBD+96, wL94, LFS+19, LC96, LMM+15, LBB+19, LC97b, NS91, PS07, PKB06, Pie94, PR94a, PS00b, Sci99, SWJ95, SDV+95, SZ99, SSG95, Stt94, TSZC94, VM95, Wal94a, Wal94b, ZKRA14, ZA14, AMHC11, BC14, BBH+06, BRU05, BDH+95, Cot04, DDK08, Din96, FKS96, FT96, FGL+98, GGH+96, GLDS96, GLT99, GLS99, GLTo0a, GLD95, Han98, IBC+10, KTF01, KKD05, LK10, MTSS94, MSL96, PS01b, RRHF96, SWHP05, SLG95, SWL+01, TGT05, TDB00, Wer95, YGH+14].
Message-Passing [Ano93d, Att96, Cot97, Cot98, DHHW92, DDL00, GLS94, GL95c, GLTo0b, MP198a, MP198b, PBK00, Pok96, RRBL01, AAC+05, Ano94d, Ano95c, Ano00a, Ano00b, BvdSd95, CDZ+98, GL92, Hen96,
KJA+93, LR06a, LBD+96, wL94, LMM+15, PS00b, SSG95, Sti94, DiN96, GGHL+96, Han98, RRFH96, SLG95, Wer95, YGH+14].
Message-Passing-Interface [Wer95].
Meta [BCLN97, FBD01a, FGRD01].
Meta-Applications [BCLN97].
Meta-computing [FBD01a, FGRD01].
Metagenomics [LSM+18]. MetaHaskell [Mai12].
metanumerical [ZSK15]. metal [JLS+14].
MetaMP [OW92]. metaprogramming [Mai12, TSEE21].
meteorological [RSBT95]. Meteorology [HK93, HK95]. Method [ADGA20, ACRM14, BP99, BJS97, CGU12, DAD19, FCLG07, GS97, HFB21, HC06, KM16, OMK09, RHM+17, Riz17, STA20, TSS00a, ARTY17, AFS21, AFG21, BBDH14, BCM+16, DSOF11, ET94, GFIS+18, HE13, HMKV94, HJBB14, HPLT99, JMS14, KS15, KD12, KKB+21, LCL+12, MMDA19, Nak05b, NS16, PTT94, PGPCK21, Pri14, Qu95, RTN21, SHHC18, TKP15, YBZL03, diAMCFN12, AAB+17, OTK15].
Methodologies [Sun94b]. Methodology [MOL05, WTH17, HPR+95, LM94, WMP14].
Methods [BCMR00, CMK00, DFN12, EGH+14, FGKT97, GGFG12, KLR+15, kL11, NA01, Sch01, SM07, TDBEE11, Whi04, ZGN22, ZB97, CddO+20, CECS07, DF17, D+95, Gra09, Has95, KW20, LSR95, MM11, Nak05a, PGK+10, PGPC21, R+92, SL94a, SG95].
Metric [SNN+19]. Metrics [DW02, PARB14]. Metropolis [HJBB14].
Micro-applications [SGH12].
Micro-Benchmark [BWV+12, YSWY14].
microbenchmark [BO01].
Microcoded [WP+16]. microtask [OIS+06]. MIDAS [BFZ97]. Middleware [AUR01, CLL03, CC10, RPS19].
Middleware [DPP01]. Midpoint [JMS14].
Migol [LS08]. Migratable [KOW97].
Migrating [VSR94, VSR95, InvLH+00, KBG+09].
Migration [An94b, CCK+95, CLL03, CML04, CCBPGA15, CTK01, NPP+00c, NLRH07, Ott94, OS97, PS19b, ST97, AMBG93, BBGL96, CK+94, CRM14, CRGM16, CK99, DDYM99, HZ99, LCVD94b, LM13, QHCC17, RRFH96, SSS99, SCL97, Ste96].
Milan [HS95a]. million [LHLK10].
Millions [BBG+11].
MIMD [BvdB94, BB93, BCL00, Uhl95a, WST95].
MIMD/DMMP [BB93]. MiMPI [GCC99].
Mini [LBG+20, SCJH19]. mini-application [SCJH19].
Minimum [AIS+21].
Mississippi [IEE94f, IEE95j, IEE94f, IEE95j].
mitigating [OdSSP12].
Mitigation [BBH.. .13a]. Mitsubishi [An03] mittels [Wil94].
Mixed [ASA97, BGE+10, CF01, OPP00, ST02a, MRH+96, SK00, SB01].
Mixed-Mode [BEG+10].
Mixing [CP98, GAP97, HDW21, CBGY18].
mixture [EO15]. MK [NS91]. MLP [JLG05]. mm_par2.0 [OKM12].
Mobile [ITT02, TWLL19]. Mode [BGK08, BRI02, BGE+10, LRT07, IHSM19, SB01, YX95].
Model [AP96, BCG+02, BS07, CKmWH16, Cha02, CZG+08, Dar01].
DFA^09, FSXZ14, FBSN01, GLB00, GLRS01, HLP11, KD12, LWKA15, LWZ18, LGG16, LPJ98, LA02, LRQ01, MKW11, NSLV16, NO02b, PRQ21, Ran05, RSV^05, RRBL01, SPM^15, SB95, SPH^18, THN00, VT97, Wal01a, WYZ^19, YCA18, AL93, BSC99, Bir94, BG94b, BDV03, CMV^94, CL93, CKP^93, ED94, GKRZ12, GCN^10, GmLyCy97, GWVP^14, GRTZ10, HPLT99, HK09, HK10, HY^20, JPL22, KOS^95a, KSL^12, KLV15, LR06b, LA06, LLH^14, Mar05, MMAH20, MDSAS^18, MSZG17, MGC^15, NO02a, Nak05a, PAdS^17, PQR18, QM21, RAS16, RGDML16, RCG95, Sch93, Sch99, SMAC08, Str94, VBLvdG08, Wan02, WC15, WLK18, WYLC12, YX95, ZWC21, TA14].

Model-Based [AP96, LGG16]. Modeling [ACM96a, ATM01, BS07, COE20, CSC96, CDM93, FST98a, GAM^02, HSO^21, MOL05, MZLS20, MH21, NM95, RGDM15, Rot19, STH22, TD99, WJA^19, WMC^18, XH96, AC07, BDP^10, BAE22, Bic95, BB95b, JLA18, KM10, KME09, KEGM10, LZY19, MS99a, WT13, XYL13, YMY11]. Modelling [FST98b, GC05, Ham95a, KDL^95b, BJ999, HTHD99, KDL^95a, MSML10, QHCC17]. Models [AKK^94, BS93, BZ97, CMK00, Cer99, Cnm11, Dk06, EMO^93, ESM^94, GJN97, PFP98, SS01, SMOE93, SYL19, TSN21, Whi04, BB95a, CPM^18, CH96, CBS18, Duv92, EVMP20, KO14, LV12, MCB05, Nes10, RSBT95, RBA17, RJH^20, STP^19, SYR^09, Wal00, WBS17].

moderate [Uhl95a]. Modern [AHHP17, DARG13, KDT^12, LNK^15, MPZ21, SM07, EYP^20, HH14, HCC^20, PMZM16]. modernization [WLYL20]. modes [WZWS08]. Modified [Rix17, GP95, KD12]. Modular [CT02, HPP02, FWS^17, HLM^17]. modulator [WWZ^96], modulator/DFB [WWZ^96]. Module [Ano98]. Modules [AKK^94, DS96b], modules-design [DS96b]. Molecular [ABG^96, BST^13, BCGL97, BL95, BS07, DR97, DIO2, KBM97, LAF15, MH01, SA93, YWCF15, ZB94, AiiS^21, BvdSvD95, BBK^94, BMPZ94b, BMPZ94a, CC00b, DCD^14, Dab19, FHSO99, HHS18, JAT97, JMS14, KFA96, KRG13, LH^20, LSVMW08, OKM12, PARB14, PIR^20, SL95, VGP^19, ZWL13, RS22]. molecule [ART17]. Möller [BL95, KN17]. Moment [SSB21]. Monoc [BBW19]. Monitor [SGL^00]. Monitoring [AH00, BCLN97, Beg93b, BFM96, BFM96b, CD98, DBK^09, GSN^01, IADB19, LY93, LW97, MWG97, MV95, SGL^00, UP01, Wis98, Wis01, Yum94, Beg92, Beg93c, Beg93a, BB94, BS96a, BMF96b, FLB^05, LC07]. Monodomain [ORA12]. Monona [ZL18]. Monte [HJB14, RP95, WH96, ADRCT98, AK99, DAK98, NSLV16, RR00, SK00, SKM15, ZZ04]. Monterey [Ano89, Gat95, USE94]. Montpellier [DE91]. Montréal [Lev95]. MOPS [GJN97]. Morehouse [AGH^95]. Morgan [SD13]. Morphable [ZL17]. morphology [VLSPL19]. Morton [LZH18]. MOSFETs [MV20]. MOSIX [BBGL96]. motif [FMS15]. motors [SKM15], movement [MV17, PG18]. Moving [HAA^11, KQT^21, LSG12]. MPC [BPJ22]. MPE [GKL95, KFA96]. MPEG [NU05]. MPEG-4 [NU05]. MPI [ARYT17, AD98, Ano95c, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b, BDW97, CHD07, CHD09, CD01, CDND11, DKS05, DLM99, DK00, DLO03, GBR97, GEW98, IEE96i, JKN22, JMS14, KGRD10, Kra02, KKD04, LKD08, MTWD06, Nag05, Per97, PS01b, RWD09, RLRPG12, SBG20, ST02a, TDB00, TBD12, Vre04, WSN99, YMH7, ST02b, ACGD02, AKB^19, Ada97, Ada98, AC07, ACH^11, APJ^16, AASB08, ART17, ATM01,
ACC+21, ACGR97, AK99, AFB+17, AHP01, ACMZR11, ALW+15, ALB+18, ADL03a, ADL03b, And98, AitS+21, FH98, AYA+16, Ano93e, Ano94d, Ano98, Ano02a, Ano03, AKE00, AKL99, AJF16, AIM97, ADR+05, AHHP17, AMC+19, Bad16, BV99, BCMR00, Bak98, BF98, BCFK99, BBG+10, BCG+10, BGG+11, BKG20, BGP01, BSB99, BAC20, BBG+14, BA06, BCAD06, BADC07. **MPI** [BGR97a, BKGS02, Ben01, BW12, BHV12, BKH+13, BIL99, BIC05, BBG+10, BRR05, BF01, BBCR99, BBDH14, BK96, BKdSH01, Bha98, BfDA94, BHLS+95, BHS+02, Bis04, BBH. . . 13a, BBH+13b, BDB+13, BIC+10, BR04, BCM+16, BTC+17, BM00, Boo01, BBC+02, BPJ22, BCH+03, BHK+06, BBC+99, BBC+00, BS96b, BMR02, Bri02, BRR03, Bri10, BMPS03, BS07, BBW19, BDL98, Bru95, BDH+95, BDH+97, Bri12, BLW98, BFWB01, BFG+10, BCH+08, BWV+12, CDO0+20, CGC+02, CSW12, CGC+11, CwCW+11, CRE99, CRE00, CRE01, CC10, CP98, CAHT17, CGJ+00, CFKL00, CSS95, CGBS+15, CGG10, CB00, CDMS15, CGS15, CBL10, CBB+20, CBB+21, CLE+20, Cha02, CB00, CEGS07, CDP99, CCA00, CFDL01, CLL03, CGZQ13, CC17, CSAGR98, CNC10, CC00a, CGB+94, CCSM97, CFMR95, CDD+96, Coo05a, Coo95b, CFF+06, CRGM14]. **MPI** [CRM14, CRGML16, CC99, CT02, CD96, CG99b, Cre16, DPS05, DPD08, DMK19, Dan12, DSG17, DZ96, DZ98a, DR18, DK20, DW02, DLM+17, DZ98b, Dem96, DPP01, DJJ+19, DLB07, DS96, DS96a, DREUE12, DKO07, DI02, DDN+22, DL10, DCPJ12, DCPJ14, DFT19, DAK98, DGG+12, DGB+14, DDB+16, HD02a, DXB06, DOW95, DW5+21, DFSW19, DCH02, DH22, DBK+09, EZBA16, EGH99, EDSV09, EYP+20, ES11, FH97, FD96, FDG97a, FDG97b, FL98, FD00, FBD01a, FBD01b, FGRD01, FBD02, FD02a, FD02b, FD04, FCLG07, FB95, FB96, FB97, Fnn98, FPY08, FA18, FFB99, FNSW99, FTB00, FFP03, FLPG18, FGL+20, FL21, FMS15, FHK01, FHK02, FSC+11, FCS+12, Fin97, Fin94, Fin95, FWNK96, Fin00, FLB+05, FC05, FST98a, FST98b, FF+17, FKK+96b, FKK96a, FCT96, Fos98, FHPS94a, FHPS94b, FHP+94, FHP+95, Fra95]. **MPI** [FW+95, FKLB08, FBSN01, FSL98, FCS+19, GBH97, GFD03, GFD05, GDC15, GVF+18, GGGC99, GCCM99, Gao03, GGZ+20, GBR15, GCGS98, GCC99, GCB12, GGL+96, Gei01, GR07, GGL+08, GJR09, GSI97, GBH14, GHS99, GMA20, GR95, GLB00, GRV+19, Gle93, GM13, GJMM18, GT01, GBH99, GFIS+18, GH12, GSYT12, GAVRR17, GDMM22, GRR99, GAMR00, GKS+11, GB98, GMPD98, GPL+96, Gra97, GEW98, GBS+07, GLO+08, GL92, GL94, GL95, GL95a, GL95b, GL95c, GL96, GLDS96, GL97c, GL97b, GHL+98, GL99, GLT98, GL99, Gil00, GLT00b, GLT0a, Gil01a, Gil01b, Gil02a, Gil03, GT03, GLT12, Gil12, Gil19, GPC+17, GC05, GSY+13, Gua16, GADM20, HGX+22, HJ98, HCH10, Har94, Har95, HL17, HCC+20, Hat98, HO14, HD02b, HDZ+20, HE02, Hem94, HZ96]. **MPI** [Hem96, HRZ97, HZ99, HEH98, HGMW12, HM09, HPS+12, HPS+13, Hin11, HRR+11, HDB+12, HDB+13, HDT+15, HKN+01, HSM+19, HLOC96, HKT+12, HJB+21, HVSC11, HWX+13, HM01, HCA16, HG12, HcF05, Hu98, Hu00, Hu01, HWW97, IDS16, IRU01, ITKT00, IPG+18, ICC02, IMS16, JLF95, JDB+14, Jes93b, JJM+11, JS13, JNL+15, Jon96, JLG05, Jr10, JSH+05, KB01, KAF96, KS15a, KPW05, KW14, KWEF18, KD12, Kan12, KTB+19, KLB+20, KLB05, KB08, KK02a, KL94, KLY03, KLY05, KS05, KSJ95, KSJ96, KN17, KBS04, KGK+03, KTXP21, KKH+99, KBM97, KLR+15, KR09, KSB+20, KMG99, KEM10, KRC17, KV98, KAC02,
KC06, KBG16, KMH+14, KRG13, LK14, LAd+15, LRG+16, LLRS02, LTDD14, LGM00, LRT07, LC97a, LR06b, LTRA02, Lee12, LFS+19, LFW20, LZ97, LRW01, LPD+11, LLIC13, LZH12, LZH18. **MPI** [LK20, kLCC+06, kLCCW07, kL11, LZZ+20, LFL11, LS10, LSM+18, LZC+20, LCY96, LC+03, LVP04, LWP01, LGM16, LBB+21, LYSS+16, LB96, LGdRA+19, LMG17, LCMG17, LBB+19, LG+20, LNLE00, LO96, dLR04, LZYH19, LS08, LL01, LZC+02, LKJ03, LCC+03, LKYS04, LSK04, LLH+14, MBBD13, MMR09, MS02a, MS02b, MV17, MC18, MTK16, Man01, Man98, MK17, MLVS16, MB21, MLAV10, MKP+96, MSMC15, MSL12, MH01, MSL96, MS96a, MC98, MG05, MAS06, MM02, MM03, MOL05, MCO09, MRRP11, MG07, MMMA19, MMMA20, MMM13, MTW07, MK04, MCLD01, MMH08, MMH99, MS90c, MB00, MVWL+10, NAW+96, NO02b, NO02a, Nak05a, Nak05b, NSBR07, NE98, NE01, Nes10, NSS12, NH95, NCB+12, NCB+17, NWT21, NAJ99, NW98, Ni00, NHT02, NHT06, NFG+10, NN95, OM96, OL+16, OKM12, OIS+06. **MPI** [OD01, OF00, Ong02, OP98, OL05, OGM+16, OMK09, Pac07, PARB14, Pan14, PK98, PES0+14, PK08, PDY14, PS00a, PS01a, PHJM11, PTL+16, Per99, PZ12, PKG+10, PFG97, PLR02, PG+96, PG07, PG07, Pla02, PD11, PSSS01, PSK+10, PTH01a, PTH01b, PS06b, PHM+22, PTW99, QB12, QM02, Qu03, Rab98, Rab99, RDMB99, RR01, Ram07, RSBT95, RMS+18, Ran05, RA09, RA16, RCFS96, RJH+20, RBB97a, RBB97b, RBB97c, RSPM98, RTH00, RH01, Reu01, RST02, Reu03, RGD15, RGD16, RGGP+18, RG22, RNPM13, RPM+08, Rölh00, Rol08b, Ršt06, RSC+19, RFR96, RRG99, RTRG+07, SE02, SC14, SC15, STP+19, SPM+10, SWCB20, SS+05, Sap97, SSB+16, SDJ17, SGH12, SSN+21, SBF+04, SCJH19, SW12, SBS+02, SG05, Ser97, SS01, SWS+12, SG12, STY99. **MPI** [SM02, SM03, SC19, SPH+18, SP99, SZ11, SC04, SSC96, SS99, SIC+19, SZBS95a, SZBS95b, SDN99, SVl99, SJ02, SWJ95, SMTW96, SH96, SDB94, SLG95, SDV+95, SP96, Sl05, SVC+11, SK00, SB01, SOHL+96, SOHL+98, Sn11, SHHC18, SSL97, Sq03, Ste96, ST97, Stc98, SU96, Str96, SRS+19, Sun12, SN01, Swa01, TOTH99, TA+01, TSY99, TSY00, THDS19, TSCS14, TKP15, TK19, Tha98, TGL02, TG09, TGKL19, TPLY10, TW01, TD09, TOC18, Tra98, THZ99, TRH00, Tra02b, Tra02a, TGT10, Tra12a, Tra12b, THMH21, TME07, TFGM02, Tso07, TTZ+20, TPV20, UT02, URK12, VFD02, VLSPL19, VS00, VPS17, VSR94, VSR95, VGRS16, VdS00, VP00, VVD+09, WH96, Wa95, Wo95, Wa96, WD96, Wr05, Wr05, Wr01, WLNL03, WLNL06, Wr05, WZ95. **MPI** [Whi04, WK20, WR05, WWZ+96, Wis98, WB96, WM01, WADC99, Wor96, WRA02, WDR+19, WCSS99, WT11, WYLC12, WT12, WLYC12, WT13, WMP14, XH96, XLW+09, YM97, YL09, YHL11, YWC11, YCL14, YMB14, YW21, YPA09, YTH+12, YSP+05, Zah12, Z04, ZL+11, ZW09, ZLP17, ZJW18, ZWLL21, ZCB22, ZLL+12, ZGZ20, ZT20, ZWC21, ZR95, ZSnH01, ZKRA14, ZA14, bT01a, dAMCFN12, KH96, Mar06, YM97, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d. **MPI** [SOHL+98] **MPI-1** [APJ+16]. **MPI-AllReduce** [NWT21]. **MPI-AMRVAC** [KTXP21, TK19]. **MPI-Based**
[Ada97, FSC+11, RDMB99, SM03, Ada98, AVA+16, GKS+11, Gra97, LRW01, LZZ+20, OLG+16, OP98, SZ11, TSC+14, TMPJ01].
MPI-basierte [Gra97]. mpi-benchmark [Reu01]. MPI-CHECK [LCC+03].
MPI-CUDA [DR18, YW21, dIAMCFN12].
MPI-DDL [FB97], MPI-Delphi [ACGdT02], MPI-dot2dot [GDMME22].
MPI-driven [Hin11]. MPI-F [FHP94b, FHP+94]. MPI-FM [LC97a].
MPI-FT [LNLE00]. MPI-GLUE [Rab98]. MPI-GPU [TPV20]. MPI-Hybrid
[CGC+11]. MPI-I [IRU01, Tsu07].
MPI-I/O [IRU01, Tsu07]. MPI-Interoperable [YBMCB14]. MPI-IO
[BIC+10, CGC+02, CFF+96, DL10, FWNK96, FSLS98, LRT07, LG16, PK08,
PTh+01a, SW12, Sto12, TGL02, ZZ04].
MPI-IO/GPFS [PTH+01a]. MPI-LAPI
[BGBP01]. MPI-Level [VP04]. MPI-like
[CJG+00]. MPI-only [LS10].
MPI-OpenCL [JNL+15]. MPI-OpenMP
[MS02b]. MPI-Parallel [DK20].
MPI-parallelized [DFSW19, KMG99].
MPI-Performance-Aware-Reallocation
[GFS+18]. MPI-StarT [Hus98]. MPI-The
[Ano99c, Ano99d]. MPI-thread [IDS16].
MPI-Umgebung [GBR97]. MPI/CUDA
[PHMJ11]. MPI/GAMMA [CC00a].
MPI/GPU [EZBA16]. MPI/GPU-code
[EZBA16]. MPI/MBCF [MMH99].
MPI/OpenACC [OGM+16].
MPI/OpenMP
[ADR+05, GÃÂVRL17, HDZ+20, HKN+01,
JLG05, JR10, KS15a, KN17, KLR+15,
KRG13, LLRS02, MMDA19, PZ12, SB01,
WT11, WT12, WT13]. MPI/PVM [ES11].
MPI/RT [SKD+04]. MPI/RT-1.1
[SKD+04]. MPI/SMPSS [MLAV10]. MPI11
[Sti94]. MPI2 [MPI98a, MPI98b, Wal96b].
MPI2007 [MvWL+10]. mpi4py [DF21].
MPI_Allgather [GMdBMB+07].
MPI_Connect [GRD01]. MPI_T
[GVF+18, HHK+19]. MPICH
[BBCh+02, BCH+03, BHK+06, Cot98, Cot04,
GL97a, KTF03, LKJ03, OPM06, OF00,
RFG+00, RSt06, SBG+02, TRG05].
MPICH-CM [SBG+02]. MPICH-G2
[Cot04, KTF03, OPM06]. MPICH-GQ
[RFG+00]. MPICH-V [BBC+02, BHK+06].
MPICH-V2 [BCh+03]. MPICH2
[BMG07, Gro02b, ZSG12]. MPICOnnect
[FLD98]. mpiscopope [Trä12b].
MPIGeneNet [GDM18]. mpiJava
[BCFK99]. MPINE [Sou01]. MPIPOV
[FFB99]. MPIIT [HIP02]. MPIWiz
[XLW+09]. MPJ [CGJ+00]. MPL [XH96].
MPLO* [CRD99]. MPPI
[CDJ95, DOSW96, GBR97]. MPP-Systeme
[GBR97]. MPPs [BGR97a, RBB97a].
MPSocK [KKJ+08, KH10, PSM+14].
MPSocs [MB12, NEm17, SPB+17].
MPVM [CCK+95]. MRI [LSZ15]. MRO
[MMM13]. MRO-MPI [MMM13]. Multi
[Ada98, ABB+10, Bri10, BCKP00, CAWL17,
CZG+08, COF20, DK20, DSS2, DWL+10,
EBKG01, FSXZ14, HD02b, HRZ97, JCH+08,
JNL+15, KBA02, KT02, LTS16, LCY19,
LM13, MLGW18, MG15, MB00, NMS+14,
PZ12, RG18, RR02, Smth09, ST02a, ST02b,
SSB+17, TPV20, WBH07, XR21, YGH+14,
ZL18, ACMZ11, AGMJ06, BCC+19,
BCK+09, CDOO+20, DCH02, DWL+12,
Fin94, Fin95, FHB+13, HTA08, HE15, JR13,
JMJ+11, JR10, KS13, KL15, KO14,
Kom15, LSG12, LS10, LLH+14, MALM95,
NS12, SCB15, SFVS13, SVC+11, SAP16,
Str12, TS12b, TFZ012, VLSPL19, WCC+07,
WO09, WAD99, WYLC12, ZAFAM16,
ZWZ+95, ZZZ+15, SAP16, SG14]. multi-
[ACMZ11, BBC+19, CDOO+20, KSG13].
multi/-many-core [KSG13]. multi-accelerator [KL15]. multi-agent
[ZWZ+95]. Multi-agents [KBA02].
Multi-Array [LT15]. Multi-cluster
[ST02b, KO14, Kom15]. Multi-Context
[ZL18]. Multi-Core [ABB+10, Bri10,
CZG+08, YGH+14, PZ12, FHB+13, HTA08,
DGG, PS01b, RBAA65, TGBS05, WJ12, DSG17, TMC09, TG09, WCC+07.

Multithreading [BBG+10, ZWL13].

Munich [BDLS96, GH94]. Musly [Wit16].

MUST [HPS+12, HPS+13], mutual [She95]. MV [TWLL19]. MV-Net [TWLL19]. MVAPICH [RMS+18].

Myrinet [CFP99, GBH99, JSH+05, LCW+03, PTW99, Tou10].

n [DDN+22, Pan95a, ADB94, RTRG+07].

N-body [ABD94, RTRQ+07], n-cube [Pan95a], NAG [DPH97, For95, Mc96].

NAMD [PZKK02]. Naming [MSF00].

Nancy [BR95a]. NanosCompiler [GAM+00]. Narrow [YSS+17, YSS+19].

NAS [CRE99, CE00, ACF+94, CDD+96, KS96, KAC02, MMH99, WA595b, WT11, WT12].

NASA [MAB05]. NASLU [PHJM11].

National [Str94, BRST94]. Native [SZ99].

NATO [KG93, TG94]. NATUG [Ara95].

NATUG-7 [Ara95] nature [DSM94].

Naver [Che99, DLR94, HSMW94, ID994, Lou5, SCC95]. NB [BG91]. NC

[Agr95a, SL94a]. NCCL [AMC+19].

NCCL2 [AMC+19]. NCS [AL92].

ncUBE2 [BL94]. Near [PKYW95].

Nearest [DI02]. Nearest-Neighbor [DI02].

Nebelung [MFC+98]. NEC

[GPL+96, HRZ97, TRH00]. Necessary [NPP+00b]. Needed [Gei00]. Negative [KF16]. Neighbor [DI02]. neighborhood

[HS12]. Nek5000 [MGS+15, OGM+19].

Nekbone [GML+16]. Nemesis [BMG07].

Nestet [BR95]. Nested

[AHD12, BR12, BS01, DLR99, DSCL05, GL+00, HA10, MMS07, SGL+20, TTSY00, ZLP17, aMST07, AGM06, BS05, HSE+17, HY20, LW20, THH+05, YZ14, JLG05].

Nesting [BBC+99]. Nets [DMB16]. Net

[CNM11, NE98, NE01, PES99, TWLL19]. Net-Console [PES99]. Net-dbx [NE98, NE01]. netCDF [LKLC+03].

Netherlands [DSZ94, Ano93f, Van95]. Nets [Sou01, Str94]. Network

[ACM98a, AR01, BGD+91, BGD+93a, BCKP00, CZ95a, CDH95, CSC96, DM95b, DM95a, DBA97, DFMD94, DGMS93, DGM93, EK97, Fer98b, Fis01, GS91b, GS92, Gei93a, GSxx, HS98, ITT02, LB98, LH95, MSCW95, MANR09, OF00, OWSA95, RJ21, TW01, VZT+19, AL92, AH95, AVA+16, BGD+92a, BGD+92c, BGD+94, BSvdG91, BJ95, Bou96, BBK+94, BID95, BFM96, Cee94, CLASPDP99, Fer98a, GS91a, Gei93b, GK97, GHZ12, HBT95, HK94, HH95, IM95, KMC96, KMC97, KA95, LH98, LK20, LHD+94, LHD+95, MK94, MR+96, POL99, PR94c, PTW99, Rag96, SEC15, SPK+12, TSS98, YS93, ZP99, G97].

Network-Balancing [DBA97].

Network-Based

[BDG+91b, GS92, BGD+92a, IM95].

Network-Specific [DM95b, DM95a].

network-topology-aware [SKP+12].

Networked [FGKT97, GBD+94, Nov95, NMC95, Per96, Ano95b, BMPZ94b, BMS94a, BMPZ94a, GM94, HS93, RRG+99].

Networking [ACM97b, ACM98b, ACM00, ACM01, ACM04, Ho12, LCK11, CB3+12, GH94, HS95a, ITT99, LCHS96, MZK93].

Networks [CSV12, CDM93, DD+19, DDPR97, GVF99, GDM18, GLH07, HHH94, HLCZ00, HIP02, LH95, LHHM96, Li96, LHZ98, MBES94, QMR00, SG15, SM91, TQDL01, Tou00, VLO+08, VBB18, WAS95b, WMC+18, BK11, BRS92, CZ95b, CPF95, DG95, DZ98a, J94, LR06a, LTHC94, LHD+94, LHD+95, NFG+10, Pan95a, SOYHD19, TDB00, ZGN94].

Neural

[AGH+95, CAM12, CSV12, QMR00, RJ21, SM91, Str94, GLKLY97, Rag96].

Neurocomputing [PSZ00]. Neutral

[CBB+21]. neutrino [KBHS19]. Neutron

[LD01, RS97, VRS00, WR01, MM92].

Nevada [Ano94e]. never [Har94]. Neville
Newton [Ano97, Ano03, Bra97, ESB13, KS15a, Str94].

Next [GKPS97, Gei98, Gei01, VPS17, VZT+19, EYP+20, SP11, ZKRA14, vdP17].

Next-Generation [VPS17, ZKRA14]. NFS [CGC+02]. NHPDCC [BRST94]. NIC [MFPP03]. NIC-based [MFPP03]. Nice [ACM90]. nineteenth [IEE95]. Ninth ERS96, R+92. NIST [SNMP10]. Nitzberg [Ano99c, Ano99d]. NLP [VB99]. NM [IEE95d, Old02]. NMF [KF16]. nmfgpu4R [BF98]. non-blocking [ACMR14, BS93, BCP+97, CSW97, DHHK97, DHP97, FK01, For95, FB94, HH14, Hol95, Hus98, IFI95, KM10, Kha13, McD96, NS20, NHT02, PKYW95, TDTEE11, TPV20, YKLD17, AL92, Boi97, BCM+16, CSW99, DFSW19, FP92, GS94, HD00a, JK10, KB13, Nob08, NHT06, Pr14, SMAC08, SU96].

Non-blocking [HTA08, FH98, BCL+03, STP+19].

Non-Contiguous [KLH+20, WTR03].

Non-Data-Communication [BCG+10].

Non-dedicated [WLN06].

Non-Determinism [CTBT21].

Non-Intrusive [SDR+12]. non-iterative [OMK99]. Non-linear [MW98, OKW95].

Non-Local [CCSM97]. Non-Negative [KF16].

Non-persistent [Man01].

non-singleton [TVCB18]. Non-stop [Gua16]. nonaligned [AGIS94].

nonblocking [DJJ+19]. Noncontiguous [JDB+14, TGL02]. Nondeterminacy [DKF93]. nondeterminism [Obe96].

Nondeterministic [KSV01, CRD99].


Norfolk [Sin93]. normal [CBS18]. normalized [Gra09].

North [CJNW95]. Note [BR02, Cre16, SGHL01]. notification [SSN+21]. Notre [IEE96]. novel [DDY99, GKK09, MLVS16, MSL12, QM21].

November [ACM96, ACM97b, ACM98, ACM99, ACM00, ACM01, ACM03, ACM04, ACM05, Ano94c, ACDB94, BDW97, GN95, HK95, Hol12, IEE91, IEE93e, IEE94b, IE94h, IWE02, LCK11, USE94].

Novices [Stp02]. NOWs [SLGZ99]. NP [YZ14]. NPARCI [PKB01].

NPB [EGC02]. NR [Gua16]. NR-MPI [Gua16]. NRC [LD01].

NScluster [TSN21]. NSGA [GÁVRL17]. NSW [GN95].

NT [Ano01a, Bak98, BF98, CLP+99, FD97, GGGC99, PS00a, SFG98, TA+01].

NTRUEncrypt [KY10]. NTUG [FF95]. Nuclear [BPG94, GA96]. nuclei [NS16].

NUMA [BCC+00a, BCP+00b, BFG+10, CAWL17, GTS+15, MAAH20, MB15, NPW+12, SLN+12, TSCM12, ZLP17].

NUMA-aware [MMAH20].

NumaGiC [GTS+15]. Numba [BS21].

Number [BP99, HT08, WHDB05, CCS19, CBYG18, Lan09, STP20]. Numerical [MLGW18].

Numerical [ACMR14, BS93, BCP+97, CSW97, DHHK97, DHP97, FK01, For95, FB94, HH14, Hol95, Hus98, IFI95, KM10, Kha13, McD96, NS20, NHT02, PKYW95, TDTEE11, TPV20, YKLD17, AL92, Boi97, BCM+16, CSW99, DFSW19, FP92, GS94, HD00a, JK10, KB13, Nob08, NHT06, Pr14, SMAC08, SU96].

Numerically [BKM95, BFL199]. nur [BL94].

Nutzen [GEW98]. NVIDIA [GDS+20, GNP19, KC19, KME09, Seg10, VLMPS+18, XXL13, KKM15, Lan09].

NVRAM [MC18].

NX [Pie94, PR94a].

NY [IEE96f, PBG+95, Re96, SS96].

O [Bos96, CFF+96, DRUE12, IRU01, IBC+10, KLH+20, LkLC+03, kLCC+06, LPJ98, MMD98, MV17, MC18, MGC12,
MG15, NFK98, OWO98, PSK08, PLR02, RK01, SBQZ14, SR98, Tha98, Tsn07, WSN99, JDW18, **O2000** [CML04].

**O2WebCL** [CHKK15]. Oberammergau [BPG94]. **Object** [Ada97, CFK99, CFKL00, FMSG17, MSL96, PD98, SWL+01, YHGL01, YX95, Ada98, BR91, DM12, LKL96, OKM12, RFH+95, SL94b, TDG13].

**object-based** [LKL96]. **Object-Oriented** [BCFK99, PD98, SWL+01, Ada98, DM12, OKM12, RFH+95]. **Objects** [KH15, Man01, MFC98, HS93, SOA11, SC95, YWO95, ZPL96]. **Oblivious** [LZH17, LHZ18, UALK17, UALK19, HSP+13].

**observations** [ZKRA14]. observed [CAHT17]. **OcCam** [ACDR94, GN95, MC94, EM94, SHH94a, SHH94b]. **Ocean** [BS93, GAM+99, Bha93, Mal01, Nes10, Sch99, Wal00]. **Oceans** [IEE94c, IEE94e].

**OCLOptimizer** [FAFD15]. **OCM** [BoFBW00]. **OCM-Based** [BoFBW00].

**October** [Ano93f, Ano94e, Ano94i, Ara95, BPG94, Bha93, BDLS96, CHD07, CGB+10, DQM94, DLO03, DE91, FK95, GGK+93, IEE+94f, IEE+95a, IEE+95g, IEE+95j, IEE96b, IEE96c, IF95, JB96, Kra02, Olh02, OL05, Sch93, Sie92a, Sie92b, Tou96, USE90, UCW95, Vol93]. **octree** [JL18, TK19].

**octree-based** [JL18]. **ODE** [Ano97, Bra97].

**ODEs** [Pet97]. **OdmInMP** [BB00].

**OdmInMP/CCp** [BB00]. **Off** [CGS15].

**Off-Line** [CGS15]. **Offering** [EK97].

**Official** [Ano98]. **Offload** [BR05].

**Offloading** [DFP+19, MGA+17, DSGS17, KBG16, MNYN21, SWCB20, TSE21, TMT+20, WZW21]. **Oil** [Rolo8a]. **OKs** [Ano03]. **old** [LK14].

**OMB** [BWV+12]. **OMB-GPU** [BWV+12]. **OMIS** [LW97]. **Omni** [KSS00, KSHS01]. **OmniRPC** [SHTS01].

**OMP** [SGJ+03]. **OMP2001** [TSB03].

**OMP2012** [MBB+12]. **OMPI** [ACH+11, OM96]. **OmpSs** [ABF+17, BAC20, PSB+19, VLCM+20, YÁJG+15].

**On-Chip** [WYZ+19, TGD13]. **On-Demand** [CTK00, LSB+18]. **On-GPU** [LW20].

**On-Line** [BoFBW00, Wis98]. **On-the-fly** [KSJ14]. **ONC** [RS93]. **One** [BPS01, GFD03, GFD05, GBH14, GT01, HDB+12, LRT07, MH01, TGT05, TRH00, ZSG12, bT01a, DPFT19, DBB+16, GBH18, KW20, LSK04, MS99c, Ols95, PGK+10, dlAMC11].

**one-dimensional** [Ols95]. **one-layer** [dlAMC11]. **One-Sided** [BPS01, GFD03, GFD05, GT01, HDB+12, LRT07, MH01, TGT05, TRH00, ZSG12, bT01a, DPFT19, DBB+16, LSK04, MS99c, PGK+10].

**one-step** [KW20]. **only** [LS10, Squ03].

**Ontario** [GGK+93]. **onto** [OFA+15].

**OOMPI** [MSL96]. **OOPS** [RFH+95].

**OPAL** [CwCW+01]. **OPAL-MPI** [NW98]. **opaque** [SOA11]. **Open** [BGG+15, KDL+95b, WGG+19, AVA+16, KDL+95a, LSB+20, Nob08, GBS+07, VGRS16].

**Open-Source** [BGG+15, AVA+16, LSB+20, Nob08].

**OpenACC** [ACC+21, CGK+16, CCBPGA15, GML+16, GM18, HTJ+16, HY20, JCP15, KDHZ18, KL15, Kom15, LLVM21a, LLVM21b, LGh+20, LB16, LGh+20, MGS+15, OGM+19, OGM+16, QHCC17, RLFDS13, SCJH19, STH22, StP20, VGP+19, WLK+18, XJR21, XR21, EVMP20].

**OpenACC-based** [KL15].

**OpenACC-like** [HY20].

**OpenACC-to-FPGA** [ABDP15, ABFP16, ASAK19, AB13, BLPP13, BCB+19, BDW16, BN12, BS21, BHW+12, BBH+15, BAS13, CJPC19, CDD+13, CP15, CLOL18, CZP21, CIJ+10, CHKK15, CCSI9, CCK12, CS14, CLBS17, CBGL19, CBS18, DARG13, Di14, DWL+10, DWL+12, FAFD15, FLMR17, FDG19, FE17a, FE17b, FSV14, FVLs15, dFdOSR+19, GScFM13, DDDM17, HSO+21, HHS18, HD11, HE15, HHC+18, JSS+15, JCP+20, JKM+17, JR13, WYZ+20].
OpenCL [SGS10, Str12, TSH+15, TSEE21, TK16, TM17, TKP15, TY14, TL19, WTT17, WM019, WZH16, WTS19, WQK20, WYH+21, YSWY14, YWT15, YSL+12, ZWL+17, ZT17, dAT17, KB21].

OpenCL-accelerated [ZW1+17].

OpenCL-Based
[CLO18, MZLS20, WTT17, WZH16, JKM+17, SXMG+18, WHM019].

OpenCL-like [TSEE21].

OpenCL-to-WebCL [CHKK15].

OpenCL-written [KH+18]. OpenCLC
[LSB+20]. openFabrics [FCS+19].

OpenFOAM [TGS+20]. OpenGL
[Ano98, Bae20, LHZ97, ORA12, Röt19].

OpenGL- [Röt19]. OpenHMPP
[AAB+16]. openMosix [Sl005]. OpenMP
[Cha05, CZH+08, CGK11, CMR12, EV01, JMS14, MdSOC0, SH+10, Vos03, OKM12, ST02a, ST02b, Add01, ARW03, ABC+00, AC07, AHD12, ADK22, AAB+17, AELGE16, ACC+21, ACMZ12, ATL+12, ADT14, ACJ12, Ano97, Ano01b, Ano03, ABB20, AKE00, ADMV05, ADI+05, ASB18, AML+99, AGM06, AM07, ACD+09, ABB+10, BST+13, BBB+22, BR02, BAE22, BHF+03, BEM02, Ben18, BN00, BF01, BBD14, BWW+12, BCC+00a, BCC+00b, BGGK08, BG+02, BS01, BS05, BBC+99, BBC+00, Bra97, Bri00, BVD03, BdS07, BGDs09, BFG+10, BGD12, BC00, BS07, BB00, BC19b, BK00, BK000, BO01, BEG+10, BB18, CdOO+20, CRE99, CE00, Car07, CB00, CGLD01, CDK+01, CLYC16, CM08, CM99, CHPP01, CBPP02, Cha02, CM05, CJvdP08, CGKM11, CMMR12, CLA+19, Cla98, CBY18, CCM+06, CCBG15, CC00b]. OpenMP
[CF19, Dah19, DM98, DW02, DBVF01, DFP+19, DKB20, DSGS17, HD02a, DGH+19, DFC+07, DFA+09, ETWAM12, EBB+20, EM00a, EM00b, E01, EdS80, FGRT00, FMAG17, FSG19a, FSG19b, FSXZ14, FM09, GSA08, GJP01, GSGK17, GG09, Goe02, GÅVRRL17, GSM+00, G+00, GAML10, GOM+01, GAM+02, Gra09, HPP02, HP15, HDDD09, HA10, HO14, HD02b, HDZ+20, HMK09, HASnP00, HKN+01, HAJK01, HVCN11, HLCZ00, HT01, HCL05, HEHC09, HJYC10, HHSM19, HH22, HAA+11, IJM+05, ICCC02, IOK00, IT10, JCP15, KJHK08, JP0J12, JFY00, JYJ+03, JCH+08, JJM+11, JLG05, JR10, KB01, KS15a, KOB01, KaM10, KOI10, KN17, KKH03, KT02, KSJ14, KLR+15, KBVP7, KB+09, KQT+21, KSB+20, KKV01, KT10, KH15, KAC02, KC06, Kuh98, KPO00, KLM+19, KRG13, KS00, KSHS01, KJEM12, LHOA01, LP00].

OpenMP [LLRS02, LTS16, LG+20, LD01, LMC09, LLC13, LHC+07, LNW+12, LRLG19, LHCW05, LYSS+16, LA02, LA06, LdSB19, LMAG14, LHZ98, LL01, LLH+14, MKC+12, MS02b, Mal01, MV02, MM07, MB12, Mar02, Mar03, MLC04, Mar05, Mar09, MP0D04, MCBO5, Mat00a, Mat00b, Mat01a, Mat03, MG005, MG12, MG15, MM11, MFG+08, MKV+01, MBE03, MRRP11, MMDA19, MMS02, MKW11, MM14, MMS07, MJB15, MJPB16, MC+08, Müller1, Müll01, Müll03, MBB+12, MBA21, NO00b, Naka05a, NIO+02, NIO+03, NEM17, NPP+00b, NPP+00c, NPP+00a, NPP+00d, NAA01, NA01, NNON00, Nobs08, N0U5, NHT02, NHT06, OOS+08, OP10, OPW+12, PARB14, PPJ01, PVKE01, PK05, Per21, PZ12, PQR18, PRQ21, PGC02, PKE+10, Qu03, Ramm05, RDLQ12,
RLVRGP12, RBAA05, SSE12, SSB+16, SHHl01, SHTS01, SKS01, SLGZ99, SGZ00].

OpenMP
[SPL1+12, SdR+21, SHPT00, SSAS12, SK00, SB01, SBB20, SSB21, Stp02, Stp18, Stp20, SGL+20, SGS+21, TaFN1, TCM18, TBS12, TS12a, TSB02, TTSY00, TSN21, TSS00a, THDS19, TScM12, TJPF12, Thr99, TBG+02, THH+05, TGBS05, TMT+20, VLSPL19, VLMC+20, VDL+15, VPS17, VGSL14, VGPH+19, Vol03, Vre04, Wal00, Wal02, Wan02, WCC12, WC15, WZW21, WJC+21, WMK+19, WPC07, WLYL20, WT11, WYLC12, WT12, WLYC12, WT13, YKW+18, YHL11, YWC11, YCL14, YKLD17, YPAE09, YSV+16, YSMA+17, YYW+12, YCFA18, ZAT+07, ZT20, ZWC21, ZSh01, aMST07, dCZG06, vdP17, RM99, SSGF00, WCSS+13, EVMP20]. OpenMP*
[KDT+12]. OpenMP-based
[ABB20, LNW+12]. OpenMP-like
[BK00, BK000, KOB01, VGS14].

OpenMP-oriented [MLC04].

OpenMP-parallel [IIHSM19].

OpenMP-style [JPO12]. OpenMP/OMI
[BEG+10, HMK09, LLC13, LS5+16, MGS05, NO02b, Nak05a, SSB+16, SK00].

OpenMPI [DS22]. OpenSHMEM
[HVA+16]. OpenTuner [BAG17].

OpenUH [HEHCO9, LHC+07]. Operating
[MMH98, RGD97, TL19, USE94, WI93, ARS89, Sei99]. operational [KOS+95a].

Operations
[BIL99, BIC05, CCA00, FCLG07, FPY08, GFD05, GLB00, PSM+14, PGAB+05, TRG05, TGT05, WRA02, ZLWW20, BMG07, DS13, HMS+19, IDS16, KHB+99, KMH+14, LFW20, MB21, PGAB+07, PKD95, SS99, TFZZ12].

Optimizers
[DK20, KK19, NHT02, NHT06].

Optimistic [CC10]. Opportunities
[LB16]. optical [MRH+96]. Optimal
[BP99, GARR00, ZGN94, BNB95a, ER12, P007, PTL+16, Sur95a]. optimiertes [Sei99]. optimisation [AMHK15].

Optimising [Boo01, FKH02]. Optimistic
[SCL00, CXB+12, PY95]. Optimization
[AEB+20, BSG00, BHNW01, DBA9, Goe02, HS12, HS00, ITT02, KGG+03, KMH+14, LLVM21a, LLVM21b, LCV19, LdSB19, MC17, MBS15, MAuthor+02, NIO+03, PSS01, SM03, SVL99, SWH15, TRG05, WTTH17, WJ12, AMK02, BMS19, Cots93, DSO01, DHU22, HS09, HDZ+20, KS12, LME09, LDKJ13, MALM95, P16, PS19a, PMHM95, SKS01, SDJ17, Stp20, Str12, TMW17, TM+20, TFSZ12, VSW+13, W19, XML13, X12, ZW21].

Optimizations
[NSLV16, SIE12, iSYS12, TSS00a, BVML12, HLK+20, HEHCO9, L16, MV17, SSS+19].

Optimize
[SdR+21, BBW19, GVF+18, GF18+18, WLYC12]. Optimized
[AKL16, ABG20, AMC+19, B102, FAFD15, MIAVA14, PM95, PTH+01a, THS+15, THS19, WJB14, BKH+14, EBB+20, MMM13, Sei99]. optimizer
[BHRS08, Rag96]. Optimizing
[BGH+05, CXB+12, FM15, KKP01, ME03, MZLS20, NSZS13, OM96, SSS12, TGL02, TGT05, WK20, GS02, LHC+07, KBKB+13].

Options
[RR00]. Orange [ACM98a]. orbit
[CFF19, MBA21, SSN94]. Order
[BL95, DFN12, LZH18, EVMP20, KN17, KME09, KEGM10, KB13, MY16, OGM+16, THDS19]. ordering [Zah12].

ordinary [NF94, RBB15, SP11]. Oregon
[ACM99, IEEE93e, SW91]. Organization
[BPC94, JFGR12]. Oriented
[ADA97, BCFK99, FMSG17, LYGG20, MS19, PD98, YHLO1, ZL18, Ada98, BR91, CJPC19, CBGL19, DM12, HDZ+20, MGC+15, OKM12, RFH+95, SWL+01, MLC04].

Origin
[LL01, LSK04, ZSH01].

Origin2000
[B100, MH01]. original
[PNPM13]. Orlando [ACM98b]. Orleans
[IEEE96b, USE95]. ORNL [Bo99].

Orthogonal [SSB21]. orthogonality
[THM21]. OSCAR [IOK00, Slo05].

P [CAM12, WHDB05]. P-RnaPredict [WHDB05]. P03M [BJ93]. P2P [GR07, GGL+08, GJR09, RS19, SBG+02]. P2P-MPI [GGL+08, GJR09]. P4 [KS06, Mat94, Mat95]. PA [ACM04, Ham95a, ACM96c]. Pablo [BFMT96a, BFM96b]. Pablo-based [BFMT96a, BFM96b]. Pacific [IEE95c].

Package [BKK20, BS93, HFB21, KCP+94b, KOW97, LW95, OD01, SYF96, TSN21, van97, BHW+12, BBH+15, CwCW+11, DFSW19, Gaoo3, KCP+94a, LFS93a, LFS93b, SL95].


Pages [Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b]. Pagoda [YSS+17, YSS+19]. pairwise [AMHC11]. Palazzo [GT94]. PALLAS [KVV97]. Palm [Tsn21]. Papers [BDD+13, OL05, TB14, ACM90, CHD07, DKD07, GT19, IEE93a, IEE95c, KKD+03, MTW07, Old92, TH20, Ano95g, Chao5]. PARA [Dw94, DMW96, Was96, CD96]. parabolized [SSC95]. ParaCells [SYL19]. Paradigm [HIP02]. Paradigms [BGD12, CM98, DSU20, HD02a, HD02b, CD00+20]. Paradyn [MHC94a, MHC94b]. Paragon [Ano96c, HWW97, MP95, PR94a]. Parallel [ACM95b, Ada97, ATC94, Agr95a, AMB93, ASA97, AL96, AP96, Ano95b, ACMR14, AB95a, AJF16, BHM94, BJ93, BBG95, BCGL97, BKK20, BPLL99, BP99, BG95, BS93, BDG+91a, BKGS02, Ben01, BP98, Bha93, Bic95, BGK08, Bis04, BALU95, BCL00, BSG00, BBG+99, BBC+00, BBG+01, BFZ97, BDL98, BDH+95, BDH+97, BT01b, BMS94b, BMPZ94a, BFM97, BKOO0, BBH12, BGL00, CCG+92, CHD07, Cer99, CDZ+98, CUC95, CD01+91, Cha02, CGB+10, COE20, CNC10, CFF+94, CSW97, CMH99, CPS95, CSSM97, Coo95b, CT94a, CT94b, CC00b, Cze16, DMS94, DK20, DERC01, DYN+06, DK13, DDP+19, Di 14, DJ02, DAD19, DSS00, D+91, DKN+92, DGM93, DT94, DGH+99, DZDR95, DK06, DSCUT05, EKT999, EGR15, EM00a, EM00b, EGD92, EJJ92, ES11, FGRD01]. Parallel [FHS099, FJBB+00, FPS99, Fesr98b, HFK01, dFdOSR+19, Fis01, For95, FP92, FB94, Fes93, FF95, GCBM97, GLN+08, GBD+94, GKP97, GR07, GSI97, GSMK17, GDM18, GBG98, GHL97, GKL0, GFP12, GJN97, Gre94, GLS94, GL97a, GLS99, GlkLY97, HFB21, HJ98, HLP10, H014, HK94, HK3, HK95, HK94, HT01, H22, HAA+11, IE93b, IE94a, IE94f, IE95h, IE95f, IE95g, IE95j, IE96b, IE96c, IE96g, IE97a].
IEE96e, IEE96d, IEE97b, IEE05, ITKT00, IBC+10, IOK00, IDD94, IH04, IHM05, JAT97, JML01, JLG05, Jou94, JRM+94, KFA96, Kan12, KDHZ18, KOI01, KNT02, Kat93, KBS04, Kep05, KnWH10, KR99, KSB+20, Kon00, KKI01, KMC96, KMC97, KS96, KKD03, KKD04, KS01, KVI97, KHS01, Kuh98, KBG16, Kun94, Lad04, LTTD14, LTR00, LKD08, LSZL02.

Parallel [LTRA02, LHHM96, Li96, LZ97, LHZ97, kLCC+06, LPJ98, LO96, Lus00, MSOGR01, MMD98, MS02b, MM92, MC18, MWG97, dlFMBdlFM02, Mar06, Mar07, MS03, SP99, Sie92a, Sie92b, SR98, Sin93, STV97, SWH15, Sou01, SBB20, SSB21, Sta95b, Ste94, SSN94, SG10, Str96, Str97, Str94, SNMP10, Sun90a, Sun90b, Sun94a, Syd94, TMR96, UDP97, TC94, TCP15, TQDL01, THN00, TDB04, Tsu07, TVV96, Uhl95b, Uhl96, UCW95, VLO+08, VRS00, VB99, WH06, Wal01a, Wel94, WAS95b, WHBD05, WO97, WSN99, WMC+18, WTR03, WT12, YMC97, YHG01, YH96, YPA94, YG96, YTH+12, YZC95, YSL+12, ZTD19, ZHSS20, ZH94, ZO04, ZDR04, ZWLZ21, ZWJK05, ZAT+07, ZLS+15, ZZZ+15, ZWC21, ZGC94, ZB97, van97, ACM97a, ARvW03, APBaF16, ART17, AAAA16, AD98, AL92, ABF+17, ASCS95, ADT14, AD95, ACJ12, Ano93b, Ano95c, Ano00b, ADB94, AV18, ADDR95, AB93b, AFST95, AB13, AGS94, ADMV05, ASB18]. parallel

[BJH96, BBB+94, BR91, BA06, BHS18, BB95a, BCAD06, BB93, BDG+92b, BB94, BPC94, Ben95, BvdSvD95, BKH+13, BAV08, BN00, Bir94, BCM+16, BKL95, Bos96, BFM96, BI95, Br95, BDW97, BSH15, BB95b, CARB10, CL93, CGK11, Cav93, CLI+15, CLSP07, CT13, CLY+16, CKnWH16, Cha05, CJdvP08, Cha96, CGL+93, CEES07, CH94, Cz96, Cle99, CJI+10, CS96, CSW99, CSS99, Cla98, CEF+95, CDD+96, CdGM96, CBH94, Coo95a, CCH03, CLASD99, CFF+96, CPR+95, CD01, CDM+94, CKP+93, CB11, DMK19, DKF93, DKF94b, DR18, DL94, DLRR99, DDS+94, DR94, DSZ94, DM93, DRUE12, DBV01, DKD05, DvdLVS94, DXB96, DMW96, DLM99, DKP00, DLO03, Duv92, DZZY94, EASS95, EVMP20, EV01, FB96, FFB99, FM90, FO94, FSTG99, Fer98a, FMS15, FCS+12, FKK+96b]. parallel

[BFM11, FHC+95, GG99, GCN+10, GL+08, GB95, GKD+18, GO99, GF+14, GAVRL+17, GDM+22, GSN+00, GKS+11, GEW98, GKK90, GKCF13, Gra09, GP95, HHS18, HAM95b, HPS+93, HD90a, HWS09, HZ99, HPLT99, HDB+13, HVSH95, Hol95, HH95, HLOC96, HVSC11, HHS19, HLO+16, IEE97a, IM95, JW96, JC17, JY95, JMM+11, JC96, JMDV+17, KCD+97, KHBS19, KOB01, KB16, KN17, KOS+95a, KTXP21, KB21, KC19, KL95, Koss95b, KSS+18, KCR17, KG93, KFSS94, Kra02, KKJ+08, KH10, LM99, LCL+12, LHH98, LS10, LZC+20, LCVD94a, LGMDA+19, LMM+15, Lou95, LG93, LM13, LL95, LC97b, LSR95, MM99, MYB16, MM+94, MZK93, MV20, MM95, Mar05, MSP93, MW21, MK00, MN91, MHC94a, MRRP11, MALM95,
Parallel [MR96, MvWL+10, NSBR07, Neu94, NB96, NBS08, NCKB12, NF94, OdSSL12, Ols95, Olu14, OW92, PHA10, PPT96b, PPT96c, PKB06, PBG95, PNV01, PB99, PPF89, PY95, PBPT95, PSLT99, PCS94, Ram07, RJC95, RGP22, RBB15, Rol08b, RBB17, SJLM14, SWCB20, SM12, SSKF95, SH94, Sch94, Sch99, SPK96, SBF94, SWYC94, SK92, SCC96, SL00, SMAC08, SZ11, SPL99, SMS00, SVC11, Sma93b, STT96, SH14, SRK+12, SLS96, Sta95a, Sti94, SMSW06, Sun95, Sur95a, Sut96, Swa01, SL95, TJD09, THDS19, TDB00, TGKL19, TMJ01, Uhl95a, Uhl95c, VM95, Vis95, Vos03, Wan97, WZW21, Was96, Was95a, WK08a, WK08b, WK08c, Wol92, WT11, WLYC12, WMP14, YULMTS+17, YHL11, YWC11, YBLZ03, YYW+12, ZL06, ZWHS95, ZAFAM16, ZWL13, ZDW18, ZT20, ZWL+17, dH94, ARL+94, Ano94e, Ano94f, ACDR94].

Parallel [BDLS96, BS94, BG94b, Bos96, CC95, Cza13, DSR94, DSK97, DW94, Edl81, EJL92, FR95, FF95, GN95, JPT94, JPP95, KKD05, Kum94, LK10, LkLC+03, Mal95, MKP+96, OKW95, PQ07, QRG95, SSSS96, SPE95, Stp02, TDBEE11, TCGM09, Vol93, Vre04, WN10, YC98, ZPLS96, ZDR01, ZHS99].

Parallel-in-time [HFB21].

Parallel-programming [KKJ+08].

Parallel/distributed [FHC+95, Wan97].

Parallelle [GEW98]. paralleles [BL94].

Parallelisation [SJJK+17a, SJK+17b, WCVR96, LF93b].

Parallelism [CGC+11, EdS08, Ek97, FKKC96, GLP+00, GAM+02, GPC+17, DK02, KT02, Mar03, MGA+17, MMS07, MsC90, RBA95, SHM+10, SML17, SML19, SGZ00, SGL+20, TCM18, TTSY00, TPK+19, Thr99, YPAE99, ATL+12, AML+99, BK11, BR12, BS01, BS05, CCM12, GAM+00, HSP+13, HSE+17, HK09, HY20, JC17, JPOJ12, Kos95b, MAAH20, OPP00, RKBA+13, SLGZ99, SHPT00, THH+05, TWF009, W009, WFT014, WRSY16, WZV21, YZ14, PDJC+18].

Parallelization [AL93, And98, AAB+16, AIM97, BCM11, BS07, CRE99, CP97, Cou93, CF19, Cza03, ET94, HA10, JR10, Kik93, KLR+15, LP00, MB18, OD01, PO96, QMG00, Rag96, RF95, RM99, RS97, S01, WPL95, WZWS08, WR01, aMST07, ACC+21, ABB20, AGMJ06, BW12, BDY99, BJ99, DFD+96, FSG19a, Ga03, Goe02, IDS16, IJM+05, JL18, JJY+03, JMS14, KS15a, KD12, KRG13, MCB05, MGG05, MMDA19, Nes10, NEM17, OLG+16, Stp18, TWFO09, VBV98, ZT20].

Parallelize [KJN22]. Parallelized [FBSN01, OMK09, AiIS+21, DFSW19, KMG99, OKM12].

Parallelizer [BHRS08].

Parallelizing [BST+13, Car07, GGH99, AM99, BY12].

Parallelldatorcentrum [Eng00].

Parallizing [LRQ01]. parameter [DH22, HPLT99, JMDV+17].

Parameterizable [JCP+20].

Parameterized [CT13]. Parameters [GFV99, BAG17, KSC+19]. Parametric [LLG12, Par93]. parametrised [TGS+20].

Paramid [She94]. Paraperm [LTDD14].

Paraprox [SJLM14]. Parasite [LLRS02].

Parallelization [SBQZ14].


Parity [MC17]. Paris [HVSH95, RS95, SHH94a, SHH94b].

Park [SL94a, IEE93c]. PARKBENCH [DHS96, DH95].

PARMACS [GR95, HZ96, HZ99].

PARMACS-to-MPI [HZ96].

ParNSS [HSMW94].

PARRAY [CCM12]. parsing [Sur95a]. Parsytec [SHH94a, SHH94b].

Partial [DWC95, EM00a, EM00b, GK10]. Partial [DERC01, DL16, FSSD17, K02b, MK17, MFTB95, MH18, MKK21, OM96, ST17].
partially [CdGM96]. Particle
[GSI97, KHS01, NSLV16, RBP+21, ZZ04, BAS13, CFF19, FFC99, GSMK17, KPK13, RFH+95, VDL+15]. particle-based
[FFFC99]. particle-in-cell [VDL+15].

cell-based
[ATL+12]. Partition [DAD19, PS19a].

partitioned
[DWS+21]. Partitionierung [Gra97].

Partitioning [CTK01, DAD19, kL11, SPB+17, STV97, WJG+21, CT13, Cha96, Gra97, GKF13, YST08].

Partitioning-Based [WJG+21].

Partition-Based [CFF19, GSMK17, KPK13, RFH+95, VDL+15].

pathological
[LCH+22]. Pathway [CNM11, PATOP [BBF01]. Pattern [CSW12, CC17, JPL17, RMB99, MAS06, SJLM14].

pattern-based [SJLM14].

Pattern-Independent [CSW12].

Patterned [ST17]. Patterns
[ACM97b, ACM98a, ACM98b, ACM00, ACM01, ACM04, ATM01, AR01, Ano01a, Ano01b, ADR+05, AJC+20, Bak98, BBGL96, Ben18, BN00, BS21, BBDH14, BGG+02, BY12, BRM03, BRST94, BS07, TSZC94, VJ94a, Wal94b, ZWL13, ZKRA14, Dii96, GGHL+96, Han98, Hem94, RRFH96, SLG95, Wer95, YGH+14].

Pass [Dar01]. Path [CGPR98, GSYYT21, GAMR00, SD17, SLN+12, Zel95].

path-based [SLN+12].

Past [Dar01].

Path [CGPR98, GSYYT21, GAMR00, SD17, SLN+12, Zel95].

Path-based [SLN+12]. Part [Str94].

Pascal [GDS+20, KC19].

PASCO [ACM97a].

passage [PTMF18]. Passing
[AMHC11, Ano93d, AKL99, Att96, BC19a, BZ97, BC14, BBH+06, BBG+99, BBG+01, BRU05, BDH+95, BDH+97, BGR97b, BFM97, CHD07, Cer99, CGH94, Cot97, Cot98, CTK00, Cot04, CDND11, DFK01, DK08, DHHW92, DHHW93a, DDL00, FFFC96, FK96, FGT96, Fos98, FG98, FGT01, GB96, GL95a, GLDS96, GLT99, GLS99, GLT00b, GLTO0a, GL04, IBC+10, KTF03, KGRD10, K97, KSV01, KWD99, MG97, MTS94, MS98, MLS96, MBB94, MG97, MTW06, MTS97, NW98, PBK00, Pok96, PS01b, RRRL01, RWD09, RDF+00, SWHP05, SWL+01, ST02b, TGT05, TDB00, TBD12, WD96, Wer95, Wis97, YHL01, ZG95a, ZG96, ZL+12, Ada98, AD98, AAC+05, Ano93c, Ano94d, Ano95c, Ano95c, Ano00a, Ano00b, BL97, BvdSy95]. passing
[Bjo95, Br95, BDW97, BFM99, CGJ+00, CDZ+98, CRD99, CD01, DFK93, DMY93, DDK05, DS96b, DHHW93b, DOS96, DLM99, DKP00, DLD03, FK94, FHB+13, GL92, HPY+93, Hem96, JKN22, KJA+93, Kra02, LR06a, LBD+96, wL94, LCY96, LMM+15, LC97b, MP95, NS91, PS07, PKB06, Pie94, PR94a, PS00b, SC99, SWJ95, SDV+95, SZ99, SSG95, St94, TSZC94, VJ94a, Wal94b, ZWL13, ZKRA14, Dii96, GGHL+96, Han98, Hem94, RRFH96, SLG95, Wer95, YGH+14].

Pass [Dar01]. Path [CGPR98, GSYYT21, GAMR00, SD17, SLN+12, Zel95].

path-based [SLN+12].

Past [Dar01]. Path [CGPR98, GSYYT21, GAMR00, SD17, SLN+12, Zel95].

Path-based [SLN+12].

Part [Str94].

Pasadena [IEE95c].

Pascal [GDS+20, KC19].

PASCO [ACM97a].

passage [PTMF18]. Passing
[AMHC11, Ano93d, AKL99, Att96, BC19a, BZ97, BC14, BBH+06, BBG+99, BBG+01, BRU05, BDH+95, BDH+97, BGR97b, BFM97, CHD07, Cer99, CGH94, Cot97, Cot98, CTk00, Cot04, CDND11, DFK01, DK08, DHHW92, DHHW93a, DDL00, FFFC96, FK96, FGT96, Fos98, FG98, FGT01, GB96, GL95a, GLDS96, GLT99, GLS99, GLT00b, GLTO0a, GL04, IBC+10, KTF03, KGRD10, K97, KSV01, KWD99, MG97, MTS94, MS98, MLS96, MBB94, MG97, MTW06, MTS97, NW98, PBK00, Pok96, PS01b, RRRL01, RWD09, RDF+00, SWHP05, SWL+01, ST02b, TGT05, TDB00, TBD12, WD96, Wer95, Wis97, YHL01, ZG95a, ZG96, ZL+12, Ada98, AD98, AAC+05, Ano93c, Ano94d, Ano95c, Ano95c, Ano00a, Ano00b, BL97, BvdSy95]. passing
[Bjo95, Br95, BDW97, BFM99, CGJ+00, CDZ+98, CRD99, CD01, DFK93, DMY93, DDK05, DS96b, DHHW93b, DOS96, DLM99, DKP00, DLD03, FK94, FHB+13, GL92, HPY+93, Hem96, JKN22, KJA+93, Kra02, LR06a, LBD+96, wL94, LCY96, LMM+15, LC97b, MP95, NS91, PS07, PKB06, Pie94, PR94a, PS00b, SC99, SWJ95, SDV+95, SZ99, SSG95, St94, TSZC94, VJ94a, Wal94b, ZWL13, ZKRA14, Dii96, GGHL+96, Han98, Hem94, RRFH96, SLG95, Wer95, YGH+14].

Pass [Dar01]. Path [CGPR98, GSYYT21, GAMR00, SD17, SLN+12, Zel95].

path-based [SLN+12].

Past [Dar01]. Path [CGPR98, GSYYT21, GAMR00, SD17, SLN+12, Zel95].

Path-based [SLN+12].
BDL98, BCKP00, BHNW01, BFMT96b, BFBW01, BEG+10, CGK+16, CVPS19, CDD+13, CRE99, CDJ95, CGLD01, CBB+21, CNM11, Che99, COE20, CSC96, CCBPAGA15, DPSD08, DM95b, DW02, DZ98b, DPP01, DWL+10, DBK+09, EGH99, EGC02, EML98, EML00, FD02a, FGRT00, FCP+01, FSC+11, FST98b, FGKT97, GFD03, GKP96, GGS99, GBH99, GFIS+18, GRRM99, GBS+07, GC05, GMdBd07, GSYS+13, HVA+16, HKN+01, Hol12, HF14a, HF14b, HPS95, Has98, IEE92, IEE93c, IEE94g, IEE95k, IEE96a, IEE96f, IEE97c, IEE99g, IRU01, IHvA+00, IADB19, JSS+15, JC17, JCH+08, JS13, JLG05, KDSO12, KaM10, KL94, KH12, KBS04, KBM97.

Performance
[KC19, KKP01, KH15, KC06, KK02b, KHS01, Laf01, LAdS+15, LWSB19, LC97a, LB98, LGCH99, LNK+15, LH98, LC93, LkLC+03, LWZ18, LN+12, LRLG19, LS10, LCW+03, LV04, LW04, LDC97, LZHY19, LC97b, LKYS04, MMB+94, MKP+96, MPD04, ME17, MGHM97, MGC12, MM02, MM03, MOL05, MS99a, MHC94b, MMSW02, MK04, MCLD01, MMH99, MM07, MZLS20, NFS05, NM03, NSF98, NPP+00d, NMS+14, NN95, Otk15, OPJ+19, OF00, OL01, PARB14, PKB01, PHJM11, PZ12, PR94b, PFG97, PGAB+05, PGAB+07, PG02, PY95, PTH+01b, PS01b, QHCC17, QB12, Rab98, RBB97a, RBB97c, RH01, RRAG97, Ros13, RST06, SG13, SPM+10, SLJ+14, SWH95, SCP97, SEF+16, SPL+12, SCSL12, SM02, SM03, SSC97, SJ02, SSSS97, SC96b, SKH96, SJK+17a, SJK+17b, TSB02, TSB03, TTSY00].

Performance
[Ten95, Tha98, TAG+02, TGT10, Trä12b, TFGM02, TFZZ12, VF0D02, VY02, WZM17, WQKH20, WN10, WAS95b, WM01, WT11, WT12, WT13, WYZ+19, XF95, XH96, XXL13, YC98, Yan94, YWC11, YS93, YWCF15, YSP+05, ZLGS99, ZWLZ21, ZWJK05, ZHK06, Zhao21, ZSH01, ABDP15, Ahm97, ADDL03a, ADLL03b, Ano03, AFTS95, BDP+10, BAE22, Ber96, BPJ22, BDV03, BFMT96a, BFIM99, CREE01, CAHT17, CLYC16, CBPP02, CBM+08, CHK15, DM95a, DL10, DQ96, D+95, DWL+12, DE91, Duv92, EFR+05, ES83, FA16, FD02b, FE17a, FE17b, FS14, FME+12, Fin97, GV+18, GS02, GCC+07, GK97, GR95, GHZ12, GML+16, GSM+00, GL97, GLDS96, GL97c, GL99, GWVP+14, HCGN09, HLGK+20, HW11, HG+22, HASN00, HAJK01, HMA+19, HK10, HVSC11, HMA95, HG12, HcF05, JKH08, JMM+11, JKN+13, KP16, KKM15, KS13, KSC+19, LBD+96].

Performance
[LTLC94, LFS+19, LC07, LML+19, LHB12, LC96, LB96, L01, LK03, LK04, MC17, MP95, MSMC15, MSW+05, MLS12, MKP22, MABG96, MCH94a, MSZG17, MJPB16, MGC+15, NU05, NFG+10, OIH10, O12, PGS+13, PS19a, PHW+13, PGK+10, PF05, PMZM16, PTW99, Rab99, RMS+18, RPS19, Reu03, RGDM15, RJDH14, Sep93, SF95, SPBR20, SW95, Sto05, SVE+11, SK00, SFLD15, TMC09, TSP95, TG09, THM+94, VDL+15, Wor96, X21, YCL14, ZSK15, ZWL13, ZGSZ20, dAT17, HS95a, GH94, LCHS96, SSH08].

Performance-aware
[MSMC15]. Performance-based
[YWC11].

Performance-Driven
[LWSB19].

Performance-Neutral
[CBB+21].

Performance-Portable
[JSS+15, DWL+10, DWL+12, FA16].

Performance-prediction
[BDV03].

Performance/cost
[GWVP+14].

Performance/power
[RPS19].

Performances
[GFV99, DS96b, IM94].

Performing
[CC99]. Peridynamic
[MSZG17].

Periscope
[LG16]. perishable
[OH19].

Permutations
[CC99, LTDD14].

Persistent
[Man01, SG12, HMA+19].

Persistent-sets
[SG12].

Personal
personalized [BHJ96].
perspective [Sni18]. perturbation [KN17].
Perverse [Rol08a]. PES [MK94].
Pessimistic [BCH+03]. petaflops [LSG12].
Petascale
[CGKM11, CBYG18, ZWL13, Gei01].
Petersburg [Mal95]. Petri [CNM11].
PFACC [HY20]. PFSLib [L95]. PGAS
[SWS+12, SJK+17a, SJK+17b]. Phase
[CBL10, DH22, ED94, TKP15, TG94, ZAFAM16]. phase-field [TKP15]. PHAT
[BBC+19]. Phi
[BB18, CBIGL19, DSGS17, MTK16, OTK15].
Philadelphia [ACM96b]. Phi
[MMDA19]. PHOENICS
[SZBS95b, SZBS95a]. Phoenix
[ACM03, IEE95b, Ten95]. Photo
[JFGRF12]. Photonic [ILLmH+21].
Phylogenetic [MR12, LBH12]. Physical
[BM97, GJN97, SR98, GWVP+14]. Physics
[GT94, KH15, VW92, WB97, ANS95, BPG94, DMW96, SPB+20, PIC
[BDV03, HTJ+16, JL18]. Picos [YÁJ+15].
Pilot [OS97, CGG10]. PINEAPL
[DHK97]. Pinhole [NH95]. Pipe [MTU+15]. Pipeline
[GAMR00, KK21]. Pipelined [GAML01].
Pipelines [MAGR01, FWS+17, RKBA+13]. pipelining
[MN11]. Pisa [Sili96].
Pitaevskii [LBB+16, LYSS+16, SSB+16, YSV+16, YSMA+17]. Pittsburgh
[ACM96c, ACM04, Ham95a, IEE94d]. Place
[IEE94e, LTS16, BCK+09, HSE+17, PSHL11]. placement
[DJJ+19, SLN+12, SPA+12].
Planck [Aroc]. Planing [GAMR00].
Planning [HMS+19, Ze95]. plant [FO94].
PLAPACK [van97]. plasma
[JL18, DGH+19, YKLD17].
Plasmafusionsforschung [BL94]. plasmas
[CFF9]. Platform
[BKGS02, BB18, NO02b, PGF18, WTT17, BSH15, CBI11, Cza13, DWL+10, DWL+12, HTJ+16, HHA95, JPL22, JR13, KSC+19, NO02a, XXL13, YSL+12]. Platforms
[AIM97, COE20, HSO+21, HD00b, JML01,
OPJ+19, RVKP19, ZB97, BBC+19, EYP+20, GGC+07, GFB+14, MBBD13, TKP15, TS12b]. Pleseet [BL95, KN17]. PLIERS
[MMR99]. plug [MS99b]. plug-in [MS99b].
plume [JL18]. plus [HDB+13, Sp+18].
PMAc [PTL+16]. PMD [Che99]. PML
[Ran07]. PMPIO [FWK96]. PMPIO-a
[FWK96]. pool [JSS+15]. Point
[GBS+07, HC10, KV98, LWSB19, TSN21, ADLL03a, ADLL03b, WK20]. Point-to-Point
[GBS+07, HC10, KV98, ADLL03a, ADLL03b, WK20]. Pointer
[WYH+21]. Pointer-Based [WYH+21].
Pointers [LRT07]. Poisson [BP98, WJB14].
Poland [BDW97]. Polder [OS97]. Policies
[CML04, PZ12, OHG19]. policy [MMDA19].
Polling [DCPJ12, Pla02, DCPJ14, SH96].
Pollutant [Rsv+05]. Pollution
[AKK+94, BZ97, MPD04, SM10, SH94, Syd94].
POLSYS_GL
[MSW06]. polygonization [TSP95]. polygons [CT13].
polyhedral [BHR+08, KGB+09]. polymers
[JAT97]. Polynomial
[VY15, HLM+17, SWSW06]. port
[CCHW03, Har94, RMC93]. Portability
[KaM10, RS95, RH01, ABDP15, CGK+16].
portfolio [PPT96b, PPT96c, PMZM16, PHW+13].
PORTABLE
[Ano95c, Ano00b, BH12, BHS+95, CDH+94, DFK97, Di14, FCLG07, FLS98, GLS94, GL7a, GLS99, JSS+15, NLLE00, Man98, MKV+01, MG97, PPT96a, PBC+01, SSCC95, STH22, SOB+16, Sti94, Tra98, WCS+13, YMCB14, YTB20, Arn95, BCK+09, BD94, BB00, BL99, BAS13, CJvdP08, CH94, CEF+95, DWL+10, DWL+12, FAF16, FWNK96, GRR95, GL94, GS94, GLDS96, HTJ+16, HZ94, HSW+12, JC96, KNN95, LFS93a, LFS93b, LHC+07, MBB+94, PPT96b, PPT96c, PMZM16, SSH+19, SFLD15, Sth98, VM95]. portal
[AASB08]. portals
[BS96b, BM02, BRM03]. Portfolio
[SIS17]. Portfolio-driven [SIS17]. Porting
[Ano96c, BBB+22, BSC99, BLW98, EM02, HSO+21, Har94, Har95, HASnP00, KGK+03, KME09, SR96, YKLD17, dCH93, BvdB94, HD11, LBG+20, MWO95, ZPLS96].

Portland [ACM99, ANS95, IEE93e, SW91].

Portugal [IEE93d, IEE96g].

Positron [Pat93].

POSIX [LD01].

Post [BBH+13b, Wit16, ABC+00].

Post-failure [BBH+13b].

Post-ISA [Wit16].

Poster [JJPL17, LZH17].

POSYBL [Mat94].

Potential [EGC02, Gro01a, KS15a].

potentials [THDS19].

Potts [KO14].

POV [FFB99].

POV-Ray [FFB99].

Power [DDN+22, LWZ18, LB96, EZBA16, FO94, HK10, Nel93, RPS19, SM19, Bri95, DDN+22].

Power-Efficient [DDN+22].

Powered [NE98, RTN21].

PP [IEE96d].

PPARDB [PPT96b, PPT96a, PPT96c].

PPARDB/PVM [PPT96b, PPT96c].

PPPE [CDH+94].

PPSN [DSM94].

PPT [Bae22].

PPT-Multicore [Bae22].

Practical [ACC+21, BIJ96, BCP+97, CZA+08, RHG+96, TGBS05, AMS94, BHR08, LPD+11, MCK94, Pan95b, VVD+09, WDR+19].

Practice [ACM11, GN95, ZGSZ20].

Praktische [MS04].

Pre [AC17].

Pre-processor [AC17].

Precedence [EGR15].

Precedence-Constrained [EGR15].

Precise [FK+17].

Precision [Ano95a, Kha13, ZC10, JPT14].

Precisions [HDW21].

Preconditioned [GFPG12, ABF+17, MM92].

Preconditioner [BBS99, FSXZ14].

Preconditioners [Huc96].

Preconditioning [MYL21, Nak03, GCC+07].

predictability [GRRM99].

Predicting [RRAGM97].

Prediction [MOL05, WHDB05, ZWJK05, ADR+05, BAE22, BVD03, CMV+94, HHA95, RBA17, SEC15, SC96b, SSN94, Was95a, ZAT+07].

Predictive [FK+17].

Preemptive [BBH+06, BBGL96].

Preface [DKD07, OL05].

Prefetching [BIC+10, KC19].

Prefix [WJ12, DK13, MYB16].

Preliminary [BF98, Wal01a, WLK+18, RJC95, RLFdS13, SWS+12].

PREMER [VBB18].

Preprocessors [Ano01a].

prescription [MRH+96].

Present [Dar01].

presented [ACM90].

preservation [IEE94c].

Preserving [RNPM13].

Press [Ano95a, Ano95b, Ano95c, Ano96a, Ano99a, Ano99b, Ano99c, Ano99d, Ano00a, Ano00b, Edd18].

Pricing [RR00].

Primitives [DDL00, FST98a, ZLWW20, ABDP15, CLJ+10, STP+19].

Princeton [Bha93].

principles [BSC99, HS12, SSP+94].

printing [YM97].

priority [DR95, Man98].

Prism [SDN99].

private [Str94].

privatization [KRG13].

Probabilistic [LAdS+15].

Probability [QRMG96, Sta95b].

Problem [BSH15, DALD18, DAK98, GAMR00, ICC02, Lee06, MTSS94, RLRGP12, ZSnH01, AB93b, DMS94, GM94, GKF13, GADM20, HMKV94, IHO5, MM92, RRJ+20, SL00, SP11, TSCS14, Cza13].

Problems [ASA97, BH94, BM96, BMR01, BPNM97, CGP98, EML98, HAA+11, DK02, LMS+18, MBS15, Nak03, Rix17, AL96, CEGS07, FR95, JRG21, LSR95, NZZ94, OMK09, SC96a, SD99, TGS+20].

procedure [AGLv96].

Proceedings [ACM94, ACM96c, ACM97a, ACM97b, ACM98b, ACM04, ACDR94, CJNW95, GN95, Hol12, IEE93f, IE95d, IEE02, KG93, LCK11, MC94, RV00, R+92, SM07, Ten95, TG94, dGMJ94, ACM96b, Ano94e, Ano94i, BFG94, BOi97, BH95, CLM+95, DSZ94, DE91, EJL92, FF95, GHH+93, HK95, HHH94, IEE94a, IEE94b, IEE94c, IEE95b, IEE95e, IEE96a, IEE97c, IEE05, JPT94, KUM94, LF+93a, Li96, PSB+94, PBPT95, SPE95, SW91, WPH94, ACM90, ACM95a, ACM05, ACM06b, ACM06a, ATCH94, Agr95a, AGH+95, AH95, Ano89, Ano92,
Ano94a, BBG+95, Bha93, CHD07, CZG+08, CGKM11, CMR12, CGB+10, CDND11, DKM+92, DT94, DLO03, EV01, EdS08, ERS95, ERS96, Fer92, FK95, Gat95, GGGC99, Gre94, HAM95b, HCC+20, HPS+96, JLP22, JC96, Kat93, KB21, Kum94, LHLK10, LG93, PSB+94, PBPT95, RKBA+13, Röhl00, RCG95, SSS99, SLS96, VDL+15, Wol92, WWFT11]. **Processor** [HC06, Oed93, Ott94, PWP+16, RR02, Smi93a, SB04, UALK17, UALK19, ABDP15, AC17, DJJ+19, DCH02, HC08, LL01, MMDA19, OIS+06, RNP13]. **Processor-Oblivious** [UALK17, UALK19]. **Processors** [AJ97, Bri10, DDP+19, HK93, HK95, KmWH10, MJB15, OL01, PZK02, AV18, BBG+14, CMB+08, DBLG11, HTA08, HWX+13]. **Producing** [HAJ01]. product [CMH99, ER12, SMSW06]. Production [IADB19, CLdJ+15, SL00]. productive [LV12]. **Productivity** [BS07, DSU20, KaM10, Wit16]. products [Ano97, Bra97]. profile [TWFO09, WFO14]. profile-driven [TWFO09, WFO14]. profiler [AS92]. profiles [BAE22, Wil94]. Profiling [AJC+20, EYP+20, GPL+96, LZYH19, Rab99, Vet02]. **Profitability** [CLA+19]. **Program** [Ano96d, AB93a, BMS94b, CHPP01, Cot97, EML98, MM95, MK17, MRV00, Ney00, PS01b, TS01, THN02, CDZ+98, CZP21, JF95, LP00, LL13, OKM12, PPF89, Sai10, TN17, TJP10, ZL96]. programación [VP00]. Programmable [OA17]. **Programmable** [BL94]. **Programmer** [Gua16, Wit16]. programmers [CGG10]. **Programming** [ACM90, Ad97, ACRG97, ASA97, ACJ12, Ano96b, BBG+10, BL93, BHK12, BF01, BBG+99, BBG+01, BK000, CMK00, CDK+01, CKnWH16, Cha02, CZG+08, CF01, Cza03, DM98, DSU20, DARG13, DL00, DK06, DWL+10, EM00a, EM00b, FTVB00, FWR+95, GLR01, GLR94, GLS99, HSO+21, HA11, HDB+12, HDT+15, KKH03, Kep05, KP96, KmWH10, KV17, Lad04, La01, LLRS02, MSOR91, Mat94, MMDA19, OIS+06, RNP13].
Mat95, MSM05, MCdS08, NO02b, SPM+10, SK10, SS01, SDN99, SHH94b, ST02a, ST02b, SGS10, St02p, TTP97, VT97, Vre04, Wal01a, Wal02, WO97, YMW97, YHGL01, YCA18, ACGdT02, AmuHK15, Ano95c, Ano00b, AB13, BJ13, BCA06, BB94, BS96a, BKH+13, CPM+18, CLYC16, Chat05, Cvdp08, CEF+05, CDH+94, CGH+14, DWL+12, Du92v, EASS95, EVMP20, EV01, FSG91b, FB95, FB96, Fan98, FSTG99, Fer04. **propositional**

Programs

AJF16, Beg93b, BKdSH01, BGK08, BGG+02, BDL98, BGL00, CSW12, CRE99, CHPP01, CD80, DLB07, DMM97, Di 14, FKH02, FJK+17, GR07, GTH96, GSYT21, GL04, GC05, HC10, HKN+01, HM01, JLG05, KFL05, KL94, KSJ14, KKV01, KSV01, Mar09, MYY95, MOL05, MBE03, MKW11, MCD01, MJB15, NSZS13, NE98, NE01, NPP+00d, OM96, PPJ01, RH01, RFG+00, SGZ00, SBF+04, SR96, TGBS05, WYH+21, We94, Wis97, ZLL+12, Beg92, Beg93c, Beg93a, BCK+09, BEMP03, CRE01, Clg+15, CGL+93, CH94, CRM14, CFP96, DK693, DFP94b, EP69, EPP+17, FSG19a, FLB+05, FKL08, GGH99, GRRM99, GKS+11, GB94, HD11, HZ96, HLOC96, HEHC09, KCD+97, KS13, KO14, Kom15, KLM+19, LGKQ10, LLG12, LL16, LBB+16, LYSS+16, LMM+15, LZC+02, LCC+03, MT96, MdSAS+18, Mor95, NBK99, Obe96. **programs**

[OdSSP12, PES99, PAdS+17, RAS16, Ren03, RRG+99, SSB+16, SKS01, SMAC08, SZ11, SR95, SY95, SC96b, TMW17, THH+05, TGL91, UGT09, VVD+09, WZW21, YSM+16, YSM+17, YY+12, ZJDW18, ZRQA11]. **Progress**

[BRU05, LAdS+15, SPH+18, DJJ+19, MLA+14, RSC+19, MC94].

**Progress-Dependence** [LAdS+15].

**Project** [BHK+06, BSH15, DHK97, MRV00, ABC+00, BBB+20, CDH+94]. **Promise** [Ano93].

**Promotion** [OCY+15, WBBD15].

**Propagation** [EMO+93, ESM+94, JML01, SMEG93, ASAK91, KEGM10, RMNM+12, ZWC21].

**proper** [TGS+20].

**Properties** [FGR00, JL18, MS96b, SSP07, WADC99].

**protected** [GHD12].

**Protein** [RGB+18, GAvRRL17, RJH+20, SEC15, ZAT+07].

**protein-protein** [RZH+20].

**proteins** [BHW+12, BBH+15, FMS15].

**Protocol** [CAWL17, GSY+13, knl11, LMM+15, RA09, X590, BBD+13, CwCW+11, DDM99, MN91, MB00, ZPIO6].

**Protocol-based** [LMM+15].

**Protocols**

[BC+08, DND+22, DM93, LH98, LZZ+20].

**Protopleanetary** [dlFMBdlFM02].

**Prototype** [Ano01b, FHP+94, MMSW02, BK96, CCF+94, KLY03, KLY05].

**Prototyping** [SXMX92, Spe19].

**prover** [Sut96].

**Provide** [Add01, LMRG14].

**Provides** [Ano98, Nc93].

**Providing** [GKP97, Zah12].

**Proving** [MS96b].

**PRS** [UCW95].

**pruned** [dFDR+19].

**Pruning** [SMB+16, WQKH20].

**PS** [AMV94].

**Pseudo** [Wal01a, Wan09].

**Pseudo-search** [Wal01a].

**Pseudorandom** [WHDB05, StP20].

**Pseudospectra**
pseudospectral

Pthread [ZAT+07]. Pthreads


[BKGS02]. PSVM [BWT96]. PSPNM

[PAT94]. PTX [YSY12]. Public


[AJYH18, BDT08, Che10, SZBS95a, Sun94a, ABDP15, CBM95, CT94a, CT94b, CFF96, CT02, CTK01, DG95, DKF94a, DDM99, DM95b, DM95a, DP94, DMMV97, DG07, DFN12, D+91, DGM93, DGMJ93, DHP97, DPZ97, EP96, EM94, EGD92, ED94, EM92, EML94, ESL92, ES93, ES94, EST99, FJBB+00, Fin97, FD97, FS97, For95, FS93, GRV01, Gai97, GCBM97, GS91a, GS91b, GS92, GS93, Ge93a, Ge93b, GDB+93, GBP+94, Ge96, GKP96, Ge97, GKS97, GFL98, GSxx, Ge00, Ge01, GTH96, GB96, GM95, GSHL02, GFV99, GGH99, GS96, Ger91, GL97, Gre95, Gre94, GL97b, GMU95, GlLyCY97, HB96a, HB96b, HSMW94, HK98, Har94, Har95, HBT95, HPS+96, Hem96, HEH98, HTHD99, HVSH95, HH95, HRSA97, Tue96, Hum95, HS95b]. PVFS [IT796, Ivld90+00, IDD94, IKM+01, IMK+02, JAT97, JH97, JML01, JW96, JC96, KBA02, Kat93, KK98, KP96, KBM97, KDL+95a, KDL+95b, KG96, KCP+94a, KCP+94b, KOW97, KMC96, KS96, KZCS96, KS97, KV98, KAHS96, KK02b, LM00, LB98, LSZL02, LHCT96, wL94, LS92, LFS93a, LFS93b, LH95, LC93, LY93, LLY93, LW95, LHZ97, LKL96, LDCZ97, MW98, Man94, MVT96, Man01, MP95, dFMB97f02, MTSS94, MFTP95, MS95, MSP93, Mat94, Mat95, MMU99, Mat01b, MRV00, MK97, Mc94, MC98, MF97, MVY95, MS96b, Mic93, Mic95, MT96, MS99a, MS99b, MHC94a, MHC94b, MRH+96, MS95, MC99, MWO95, Nel93, NP94, Neu94, NBK99, Ney00, NB96, NAJ99, Nov95, Ob96, Ols95, OPP00, Ott94, OW94, PPR00, PR98, PPT96b, PPT96c, POL99, PT01, PKY95]. PVM [Per96, Pet97, PTT94, PGPCR21, Pla02, PN01, PD98, PY95, PL96, Pur95, QRG95, QRM93, Qu95, QMGR00, RR00, RS93, Rag96, RS95, RHG+96, RRAG97, Rol94, SGD97, Saa01, SAS97, Sch94, Sch96a, Sch96b, SB95, SFG98, SG95, SS99, SP96, Sep93, Sev98, Shi94, SA93, SR96, SSH94a, Ssi94b, Smi93a, SBR95, SC96a, ST96, SMO93, SSL+00, SH95, SSS97, Sta95b, SY95, SYF96, SC96b, Str94, SK96, Sun90a, Sun90b, Sun92, Sun93, Sun94a, SGDM94, Sun96, STM97, SN01, SCL00, Sur95b, Sut96, SUT96, TDD96, TC94, TBD96, TD98, TS95, Uhl94, Uhl95b, UH96, UM97, VSRC94, VSRC95, VB99, VAT95, WKS96, WH94, WCVR96, WAS95b, WO97, Wis96a, WL96a, Wis98, Wis96b,
WL96b, WCS99, Wu99, WLC07, XWZS96, XF95, YG96, YKI+96. PVM [ZPL96, ZPI06, ZB94, Zem94, ZDR01, ZG95a, ZG95b, ZG96, Zol93, van93, NMC95, Ano95b]. PVM-AMBER [SL95]. PVM-Based [WAS95b, FO94, PY95, Sut96, ZPL96, LSL02, TD98]. PVM-GRACE [YKI+96]. PVM-Implementation [BJ97, Huc96]. PVM-RPC [KS97]. PVM/C [GHT96]. PVM/MPI [AD98, BDW97, CHD07, CHD09, CD01, DKD05, DLM99, DKP00, DLO03, Kra02, KKD04, LKD08, MTWD06, RWD09, ACRG97, SN01]. PVM3 [IM94]. PVM3/AP1000 [IM94]. PVMaple [Pet00a, Pet00b, Pet01]. PVM [BR95c, BR95b]. PVMGeant [DZDR95]. PyCUDA [KPL+12]. PyMGRIT [HFB21]. PyOpenCL [KPL+12]. pySDC [Spe19]. pySDC-Prototyping [Spe19]. PySPH [RBP+21]. Python [BL07, DPS05, DPD08, Di 14, DFSW19, GFB+14, HFB21, RBP+21, SSH08]. Python-based [RBP+21]. PyTrilinos [SSH08].


63
Reading [HK95]. Ready [Bri02, DZ98b].
Ready-Mode [Bri02]. Real [ASB18, LHLK10, NSLV16, PRQ21, SM19, SGL+20, TWLL19, Tho94, UP01, YGH+14, Ano94f, Fer04, FLB+05, JR10, ZWZ+95, SKD+04].
Reduction [DAD19, FKH02, MFPP03, SG12, HL17, Jes93a, MIYS16, Pan95a, PQ07].
Ara95, BPG94, LP00, Oed93]. Reservoir [KDHZ18, OWSA95, ZAFAM16, ZZ95, Ano95d]. Resident [JDB+14]. Resilience [YNJS21]. resiliency [RGP22]. Resilient [CGH+14, Gua16, LCMG17, Pro21, LM17, LBB+19, MLVS16]. Resistive [ZL17].

Resolution [MAB05, Str94, TPV20, ZWLL21, BADC07, KN17]. Resolving [Str97]. Resource [BGR97b, BSH15, KK98, SIS17, YSS+17, BMS19, DZ96, FLD96, FL21, NEM17, PIR+20, ZA14]. resource-conscious [ZA14]. resource-restricted [NEM17]. Resources [LSB15, NAW+96, WYZ+99, Kos95b, RSC+19, R+92]. Response [BBC+00].

Responsibility [KQT+21]. Restart [SSB+05, AKB+19, CSZ+21, LM17]. restarted [dH94]. Restoration [FJBB+00].

Restrict [Gua16]. Restricted [JCP+20, NEM17]. Restructuring [KAMAMA17].

Results [BII99, BOC05, HSMW94, Wal01a, BR95c, DSH96, VDL+15]. retargetable [KKJ+08].


Reverse [BGK08, HSHM19, LSB15, LM13, QHC17]. Reverse-mode [HSHM19]. Review [Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b, BDL98, Che10, Edl18, Mar06, MCLD01, Nag05, NMC95, Per96, Per97, SD13, Vre04, AMKM20, Stp02, Vos13].

Reviews [Ano97, Bra97, YM97]. Revised [Cha05].

Revision [MHSK16]. rewrite [HLK+20, SFLD15]. REYES [LSZL02].


RISC [AL93, NMW93, BSVdG91]. RMA [BBW19, FCS+19, SPH+18]. RNA [WHDB05]. RnaPredict [WHDB05].

Robert [Ano95b, NMC95]. robotic [ZWZ+95]. Robust [Att96, G07, LSB+18, PSLT99]. Rocks [PKB01, Slo05]. Roe [PGPCK21, dIAMCFN12]. Rohit [Sdp02].


Routines [Add01, Sch96a, LSK04, Sch96b, VLMPS+18].

Routing [BHM94, BHM96, MTSS94, MBES94, WH94, BS94, ZH92]. RPC [KZG96, KS97, RS93, SHTS01]. RPVM [CMM03, LR01].

RS/6000 [BGBP01, Cou93, Heb93, MW93]. RS/6000 [BGBP01].

RS6000 [CDM93]. RSA [ML19]. RT [KAMAMA17]. RT-1.1 [SKD+04]. RT-CUDA [KAMAMA17].

RTL [BG9+15]. RUBIS [BR94]. Ruby [Ong02]. rules [SFLD15]. Run [CBB+20, CBB+21, DLR94, DGMJ93, FHK01, GOM+01, OP98, SBW91, SPB+17, SS96, KPL+12, RRG+99, Str94, TCB90].

Run-Time [CBB+20, CBB+21, FHK01, GOM+01, OP98, SPB+17, SS96, DLR94, SBW91, KPL+12, TSY99, TCB90].

Running [BZ97, CCM+06, YKI+96, CRE01, ZLZ+11].
S [AHHP17, Röhl00]. S-Caffe [AHHP17].
S-language [Röhl00]. S1 [GLT00b]. S3D [LSG12]. SAEO [GSYT21]. Safe [Pla02, GCC99, LFS92, LFS93a, LFS93b, NYNT12]. Safety [CLA'+19, GT07]. salesman [GM94].
Salt [Hol12]. sampling [CBS18, SOYHDD19, WLYL20]. San [ACM97b, Ano95d, BBG95, GE96, Has95, IEE93a, IEE94g, IEE95a, IEE95g, IEE97c, LF93a, NM95]. Sanders [Che10].
Sandy [VDL+15]. Santa [ACM95b, AH95, IEE95f, Old02, RV00]. Santorini [CD01, CDDN11].
Santorini/Thera [CD01]. Saphir [Ano99c, Ano99d]. SAR [AB95]. Satellite [Uhl94, Uhl95b, SSN94]. Satisfiability [IKM'+01, IKM'+02]. saturated [TOC18].
Saturday [B+05]. Saturday-Wednesday [B+05]. Save [ADGA20, KFL05, FKL08]. Saving [CBB'+21]. SBS [MSB97, WWZ'+96].
SBS-Type [MSB97]. SC'11 [LCK11].
SC2000 [ACM00]. SC2001 [ACM01].
Scalability [Ben18, BS07, FSC'+11, KBS04, LL01, LKYS04, LSK04, VLSPL19]. Scalable [Add01, AHHP17, BHW'+17, BBC'+02, BHNW01, BGL00, CGS15, CLE'+20, CDPM03, EFR'+05, GFB'+14, GS04, HC17, HMGW12, IEE92, IEE94f, IEE95j, IBC'+10, KTAB'+19, KK98, LTS16, kLCC'+06, MFPP03, NBGS08, NPP'+00d, NCKB12, NSM12, OLG01, PPJ01, PR94b, PBK00, SDJ17, SBF'+04, Skj93, SSM96, TPD15, TPV'09, UP01, VBLvdG08, VY02, ZLGS99, ZL18, BBB'+94, Bz95, CLSP07, FWS'+17, GBH14, GBH18, GM13, GKL95, HRR'+11, HAJK01, KRC17, KRG13, LM99, LTLC94, MMB'+94, MRRP11, PWD'+12, SPK'+12, Trä12a]. ScaLAPACK [BV99, BRR99, DHP97]. Scale [AKE00, AFGR18, BHW'+17, BZ97, BHNW01, CBB'+20, FPFP03, HC17, MFPP03, SM03, TGEM09, WMC'+18, WT12, AASB08, BKK20, BCA'+06, BJS99, BKH'+08, Che99, DZZY94, FME'+12, Gua16, IPG'+18, Kos95b, LS10, MLA'+14, NWT21, PTL'+16, PDI1, RMNN'+12, SIC'+19, SvL99, TBB12, WLN06, WT11, WT13, ZKRA14, ZA14, Ben18]. SCALE-EA [Ben18].
Scale-Out [AFGR18]. Scale-Up [AFGR18].
SCALEA [TFGM02]. Scaling [CC17, GDS'+20, KFL05, SLJ'+14, FKL08, Gao03, LFL11, PDY14]. scan [AAAA16, YLZ13]. scanline [CT13]. scans [NAJ99]. SCASH [SHHI01]. SCATCI [ART17]. scatter [BCD96, MTK16].
Scattering [BCL00, NZZ94, OMK00]. SCF [MM95]. schedule [NAAL01]. scheduler [ADDR95, TCBV10, WRSY16]. schedulers [AV18, NP12]. Scheduling [BBH'+06, BSH15, CML04, DMB16, EGR15, GDDM17, GSB92, GHL02, GHL97, HC06, JW96, MJB15, NIO'+02, NIO'+03, SM19, SNN'+20, SGL'+20, TJPF12, WJG'+21, APBa16, DZ98a, HC17, JKN'+13, KSC'+19, LHCT06, MBKM12, NSBR07, OPW'+12, Smi93b, SKK'+12, SKB'+14, WYLC12, WLYC12, WYCC11].
Scheme [CTK01, LNLE00, MW98, SBF'+04, Bae20, BBG96, Bjo95, MRPP11, OKM12, SCC96, YPZC95, FM90]. Schemes [HC17, PPJ01, MPS20, WYLC12, WLYC12, ZAT'+07]. Schmidt [CBYG18]. School [VV95]. Schrödinger [DM12, ÖN12]. SCI [FS97, HEH98, Hus00, RR01, ZHS99].
SCID l l e [ABG96, AGLv96].
SCID l l e-PVM [ABG96]. Science [Edi18, EGH'+14, IEE95d, Mat16, MMH93, Old02, SM07, ACM06a, DMW96, HK93].
Sciences [ERS96, HS94, ZL96, ERS95]. Scientific [AGH'+95, APJ'+16, BBG'+95, DKM'+92, DT94, Gat95, GL97a, HJ98, KKL02a, LWSB19, LkLC'+03, Mar06, Nag05, Sm93, SSB'+17, VY02, WN10, ACC'+21, Bis04, DW94, SGB'+12, SIC'+19, TBB12, WT13, Ano97, Bra97]. scientists [HW11, Str94]. SciPAL [KH15]. SCIPVM
[Ano92, Ano93f, Ano94g]. **Shared**
[ADGA20, BCA+06, BME02, Bri10, CDT05, DM08, DMB16, FKH02, FB94, GB96, GLRS01, HC10, HDB+12, HT01, KB98, KSHS01, LRT07, Luo99, MBE03, McDS+08, Müll02, NPP+00d, PBK00, Pok96, PS00b, Ros13, SS00, STY99, VT97, ABC]95a, ABC95b, ADMV05, BMG07, CdOO+20, CBPP02, CJvdP08, Cha96, CCM+06, CC00b, DBVF01, DS96b, DP97, EVMP20, EV01, GCN+10, GL96, GL97c, HS93, HDB+13, JE95, KJA+93, KC06, LKL96, MLC04, PK05, QM21, RGDLM15, SHH01, SFL+94, SSC96, TSY99, TSY00, THDS19, Vos03, WLYL20, WK20, WMRR17, WRMR19, YWO95.

**Shared-Memory**
[DM98, HDB+12, NPP+00d, Pok96, Thr99, PS00b, ABC]95a, ABC95b, BMG07, CdOO+20, EVMP20, GL96, GL97c, KJA+93, KC06, LKL96, MLC04, PK05, QM21, RGDLM15, SHH01, SFL+94, SSC96, TSY99, TSY00, THDS19.

**Shared/distributed** [THDS19]. **Sharing**
[Att96, CML04, CB16, DiN96, JAK17, KJA+93, LYGG20, JE95, Ott93, PRS+14]. **Shear**
[JAT97]. **ShearLab** [KLR16]. **Shearlet** [KLR16]. **Shearlets** [KLR16]. **Shelf** [LPJ98]. **SHMEM** [BBDH14, Hus01, LSK04, Sch96a, Sch96b, SS01]. **Short**
[KBM97, MH01, SSLMW10, BMPZ94a, PARB14]. **Short-Range**
[KBM97, MH01, BMPZ94a, PARB14]. **Short-Read** [SSLMW10]. **shorter** [NB96]. **Showcase** [USE00]. **SHPC** [IEE92]. **SHPC-92** [IEE92]. **SIAM**
[BBG+95, DKM+92, Sin93]. **Side** [kLCCW07]. **Sided**
[BPS01, GFD03, GFD05, GT01, HDB+12, LRT07, MH01, MB00, TG05, TRH00, ZSG12, bT01a, BM00, DPFT19, DBB+16, GBH18, LSK04, MS90c, PGK+10, GBH14]. **SIGCSE** [ACM06a]. **Signal** [IEE95c]. **signals** [Uhl95c]. **Signatures** [Gro00]. **significance** [AMHC11]. **silent** [FME+12]. **Silicon** [LHZ+20, Ano03, Goe02, ZL18]. **Silicon-Monona** [ZL18]. **SIMD**
[BvdB94, HS95b, KDT+12, LL16, Sur95b, VSW+13, WMK+19, vdP17]. **similarity** [LSB+20]. **Simple**
[MSF00, Mül01, SC04, BC19b, ITT99, JH97, JKN22, Nes10, PGPC21, PN01]. **simulate** [Heb93]. **Simulated**
[BHM94, BH96, FH97, MPZ21, RSBT95]. **Simulating**
[BHM94, BH96, FH97, MPZ21, RSBT95]. **Simulation**
[CDMS15, CCBPGA15, DMMV97, DZDR95, GSI97, GM95, GJN97, Ham95a, JML01, KDJZ18, KMB97, KM16, LLRS02, MFTB95, MPD04, MANR09, PCY14, PKYW95, PZKK02, RR00, RDMB99, SSAS12, SXMX+18, Str97, Ten95, UZC+12, VT19, WMC+18, ZZ04, ZWJK05, diAMC11, ASAK19, Ano95d, ADR+05, BJ95, BCM+16, BH95, BMPZ94b, CwCW+11, CSGP+96, DSOF11, FHS09, FO94, FLPG18, FFFC99, GRTZ10, IPG+18, JAT97, JLS+14, KTJ03, KNH+18, KMC96, KMC97, LFS+19, LHZ+20, LCVD94a, LCVD94b, LYZ13, MMW96, MW21, MALM95, NS20, NB96, NF94, OKM12, PARB14, PY95, RFH+95, SWYC94, SSP+94, SKM15, Str96, Syd94, Th94, WHMO19, WGG+19, ZWJK05]. **Simulation-Based** [ZWJK05]. **Simulations**
[CGS15, CNM95, DDFM94, DI02, GAP97, HLP11, HF14a, HF14b, KT02, Kha13, NH95, RTRG+07, SI02, YPAE09, ADT14, ABG+96, BHS18, BAC07, CJ99, GM18, HIN11, JMS14, LS10, LSVW08, MNYM14, RMNM+12, SU96, THDS19, TOC18, VLSPL19, WWFT11]. **Simulator**
[CAM12, MRV00, PHO+15, UTY02, WPC07, AMV94, LS10, LZX+20, PWD+12, WZWS08, ZAFAM16, ZZ95, KTJT03, Nak03, Nak05a, Nak05b]. **Simulators**
[SB95, AVA+16]. **Singapore** [IEE96d]. **Single**
[BM00, HF14a, HF14b, MB00, URKG12, WZM17, AGHS94, KKLL11, LK20, LHZ+20, Ano03, Goe02, ZL18].
MKP22, THMH21. Single-Chip
[URKG12]. Single-sided [BM00].
Single-Threaded [WZM17].
single/multigrid [AGIS94]. singleton
[TVCB18]. Sinks [JPT14]. Sites [Ano98].
Sixth [HK95, IEE96c, MMH93, SW91]. Size
[WQKH20, YT20, GKF13]. sized
[JLS+14]. Sizes [DALD18, ZSn01]. Sizing
[YNJS21]. SkMPI [KR99, RSPM98, RH01, Ren01, RST02, Ren03]. SkelCL
[SG14]. Skeleton [GB98, IH04, RJDH14].
SkelCLs [Ser97]. Skew [GGZ+20].
Skew-Tolerant [GGZ+20]. Skjellum
[Ano95c, Ano00b]. Slack
[CBB+20, KFL05, FKLB08]. SLAE
[ADRCT98, AK99]. sLAs [VLCM+20].
Slave [LTR00, HP05]. SELPc [DR18].
SLICC [KBHA94]. Slices [GSHL02]. Slim
[WMC+18]. Small [HLP11, TS12b, Ano94h].
small-footprint [TS12b]. Small-World
[HLP11]. Smith [KDSO12, RGB+18].
Smithsonian [Str94]. smoking [YSL+12].
Smoothed [RBP+21]. SMP
[Add01, CRE99, CRE01, CCBPGA15, HD02a, DK06, GT01, GmdMBB+07, HD02b, Hus00, HIP02, JKH08, KO10, KKH03, KMG99, KAC02, NO02b, NO02a, ST02a, TOOTH99, Trä02b, YWCC+11, bT01a].
SMPCKpt [DCH02]. SMPi [DLM+17].
SMPs [HLCZ00, NU05, SVL9]. SMPs
[MLA10]. SMPSuperscalar [GCBL12].
SMT [PA+D+17]. SMT-Based [PA+D+17].
snake [JPP95]. snake-in-the-box [JPP95].
SNE [MPZ21]. Snir [Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Nac05].
SnuCL [Lee12]. soccer [YM+11]. Socket
[COE20, Gro19, LS10]. SoCs [AFGR18].
Soft [AJYH18]. Softshell [SKK+12].
Software
[Ano94i, BKK20, BME02, BPG94, BDG+xx, C95b, DGH+19, ES13, FF03, GBF95, Gre95, HPR+95, HS94, HHA95, IEE95i, IEE96h, IF195, KS15a, KC94, KAMAMA17, KG93, LB16, MBE03, NPS12, Ost94, PZ12, Si96, STH22, Swa01, TDBEE11, VdS00, Wis01, Wol92, Ano97, BSC99, Bøi97, Bra97, BR94, CMV+94, CBP02, DP297, Hum95, JH97, JB96, LSB+20, LM94, MK94, Neu94, Od02, PHA10, PK05, PKG+10, RAS16, RJH+20, SHI01, Sch94, Sei99, SPH95, SSD+20, Str94, WGG+19, ZGN94, Ano94i, KG93, Si96]. Software-Managed [LB16].
Solan [CGB+10]. Solaris [Ano01a].
Solidification [HSO+21, JLS+14]. solids
[Hin11]. Solution
[DWL+10, FBSN01, HO14, MC18, RPM+08, SEF+16, SSK+18, Tsu12, VRS00, DWW+12, GADM20, IM95, JK10, LGM+20, LSR95, MALM95, ÖN12, PRS+14, SC96a].
solutions [AGIS94, LMG+17]. Solve
[Hog13, LSM+18, Riz17, BAV08, Che99, GGGC99, TSCS14]. Solver
[Ben01, BP98, CF01, CF19, HSMW94, IDD94, LZ97, SJK+17a, SJK+17b, TPV20, WJB14, YK+18, AMS94, CP15, CFF19, DS22, DM12, GNP19, HDZ+20, HHS19, JR10, LM99, Lou95, MV20, MBA21, OGM+16, RM99, STA20, SRK+12, SCC95, THM+94, ZZG+14]. Solvers [DFN12, DALD18, GKI10, MSB97, N002b, Nak03, NHT02, NLRH07, QRGM96, RS97, SSK+18, WR01, ABF+17, ADL+03a, ADL+03b, ADDR95, BRR99, CL93, DR18, EVM20, MKP+96, MS95, NO02a, Nak05a, Nak05b, NHT06, PGPC21, PR94c, QRG95, SH08a].
Solving [ADRCT98, BMH94, BMH96, BV99, BG95, BDG+92c, BSH15, DALD18, DAD19, GPGF12, HUC96, LLY93, MS02a, NF94, SAS01, SP11, SD99, ZTM19, BB95a, DSM94, HHA95, LBB+16, LYS+16, MM11, SSB+16, SWSM06, YSM+16, YMSA+17].
SOM [GkLyC+97]. Some [BDT08, Mü10, Pet97, AL92, NN95, RSBT95]. Supron
[VV95]. Sorrento [DKD05, DKD07]. sort
[KVGH11, PSHL11]. Sorting
[Ger18, LTS16, BHJ96, PSHL11]. Sound
[SG12]. Source [ABB20, BGG+15, HH22, MM07, AC17, AVA+16, LSB+20, NCB+17,
Source-Code-Correlated [MM07].

Source-to-Source [HH22, ABB20, AC17].

Sources [CTBT21, ZDR01, KM10]. South [ACM95a]. southeast [ACM95a]. Sowing [GL97a]. SP [BGBP01, CE00, HMK94, LC97b, WT11, WT12]. SP-1 [HMK94]. SP-2 [LC97b]. SP1

[BR95c, FHP94b, FHP94, FHP95, Fra95, FWR95, GL95d, HSMW94, MP95].

SP1/SP2 [FHP95, Fra95, FWR95]. SP2

[BR95b, FHP95, Fra95, FWR95, HWW97, JF95, KB98, KHS01, MABG96, XH96].

SPAA [ACM95b]. Space

[CML04, CB16, HO14, MSF00, MZLS20, OFA+15, SAS01, SS01, TA14, SRK+12].


[LHHM96, Li96]. Spanish [VP00].

spawning [NCKB12]. Spark

[GRW94, KWEF19]. Sparse

[AZ95, BHH12, CWL+19, DS13, DK20, Huc96, MYL21, NHT02, TD98, ZB97, AK99, ADLI03a, ADLI03b, BAC20, ER12, FJZ+14, GG99, Gra09, NHT06, XXL13].

SPEC [Ano03, MvWL+10, MBB+12, NA01, SGJ+03, TS93]. Special

[AM07, BDT08, BC19a, BDB+13, BC00, CHD09, DKD07, DKD08, GSA08, GT18, MP98a, MP98b, SGB20, TH20, Bos96, Mar02, PNV01, Reu01, Ol02]. Specific

[DM95b, DM95a, Otu14]. Specification

[BG94a, BdS07, MGC12, MHS16, BG94c, LP9+11].

Specifications

[OFA+15, WMP14]. Specified [MGHM97].

specifying [LP9+11]. specimen [Rol02b].

SPECT [BCD96]. spectator [YMYI11].

Spectra [Str97, SR11]. Spectral

[MW98, Spe19, BCM+16, MGS+15], spectral/ [BCM+16]. spectrum [NS20].

Speculation [AELGE16, SHLM14]. Speculative [RA09, dOSMM+16]. Speed

[CDHL95, Tou90, AH95, Ano03, BWT96, BID95, KMK16, CDH+95]. Speeding

[CSV12, YNJS21]. Speedup [VPS17]. SPH

[AFG21, CP15, OLG+16, PBC+01, WMRR17, WRMR19]. Sphere

[CT94a, CT94b]. spherical [Hol95, KT10].

SPICE3 [WPCR07]. Spiking [CAM12]. Spin

[HLP11, JRG21, KO14, Kom15, MABA1]. spin-1 [MABA1]. spin-glass [JRG21].

spin-orbit- [MABA1]. splitting

[MPS20, TCBV10]. SPMD

[BST+13, Dar01, Kak02, Wa10, Wa12]. SPMD-Like [BST+13]. SpMV [CBGL19].

Spokane [IEE93c]. Sponge [HSW12].

spontaneous [EZBA16]. spreading

[SOYHH19]. Spring [Ano94a, IEE93a].

SPTHEO [Sat96]. SPY [SSG95]. Squares

[PWP+16, VRS00]. SR [YWCFL15, ZLP17].

SR-IOV [YWCF15]. SR8000

[NNON00, TSB02, TS93]. SRP [BBC+19].

SS7 [LTLC94]. SSGM [HPS+96]. SSS

[MM98]. SSS-CORE [MM98]. St

[Ma95]. Stability [DSS00, HD00a]. stable

[JDVG+17]. Stage [FSXZ14]. stages

[KW20, SR9+19]. staggered [GM18].

Stamip [ITK00]. stamping [DPF19].

Standard [DM98, GSI97, GLP+00, GL95c, Hem94, MP98a, MP98b, NH95, SKD+04, SGS10, Wer95, YKL91, An094, BB9+13, Bor99, Cl98, CG99b, DHHW93b, DOSW96, FB95, GK97, GL92, Hem96, St94, VM95, Wa94a, Wa94b, WD96, An097, Bra97, CGH94, DOSW95, GLDS96].

Standards [FKK96, Thr99]. Star

[CDM93, Coo95a, Coo95b]. STAR/MI

[Co95a, Co95b]. Start [Gro02b]. Hs098.

Startup [PS07]. State [ACM11, IEE94f, IEE95j, Wis96a, Wis96b, BCT+17, LF93b].

state-to-state [BTC+17]. states [NS16].

Static [NIO+02, NIO+03]. RLVRG12,

SCB15, SCB14]. Static/dynamic [SCB15].

Statics [TG94, TG94]. Stationary [MW98].

Statistical [LR01, SNM10, AMHC1].

KKM15, Röll00, SL94a, Vet02]. statistics

[FL21]. Status [Bak98, DF21, DZ98b].
superscalar [ACJ12]. Supersonic [CCBPGA15]. Support
[Ano98, BBG+10, BFBW01, CFF+94, DMMV97, FGRD01, GRV01, GOM+01, HRSA97, LMRG14, MK04, OP98, PSM+14, RR02, SDN99, SBT04, TW01, Wis98, Wis01, YSP+05, ZL18, ADK22, BBH...13a, BPJ22, BL99, CC10, CZ95b, DLR94, Hos12, Ma94, RS19, RJH+20, TSY99, TSY00, TY14, WK08a, WK08b, WK08c, YAJG+15].

Supported [KLR16, ZGNZ22, CDD+96, RJH+20].
Supporting [FD00, FMSG17, FSG19b, GAML01, Gua16, MMS07, OOS+08, SGL+20, WLNL03, WLNL06, WCS99, YWCF15, FLD96, GAM+00]. Supports [AELGE16, CLL03, DGMS93]. suppression [WWZ+96]. Surface [KS15b, PKYW95, Rot19, BHW+12, DCD+14, RAGJ95, TSP95]. surfaces [Dab19]. Survey [Sap97, ZGNZ22, BBB+20, HJB+21].


Sydney [Bj95]. Sylvester [GK10].
Sylvester-Type [GK10]. Symbolic [CCK12, Coo95b, Ste00, YYW+12, ACM97a, BHKR95, Coo95a, Lev95, LGKQ10, LLG12, SMAC08]. Symmetric [BDV03, MDM17, YKW+18, BAV08, DCH02, GG99].

Symposium [ACM95b, ACM96a, Ano94a, Ano95d, BG91, DE91, HHK94, IEE93c, IEE93b, IEE94a, IEE94e, IEE94g, IEE95c, IEE95d, IEE95k, IEE95f, IEE95g, IEE96b, IEE96c, IEE96f, IEE96e, IEE97b, IEE97c, IEE05, LHMM96, Li96, NM95, Ost94, SL94a, Sie94, Sie92a, Sie92b, Ten95, Tou96, USE94, UCW95, ACM97a, ACM06a, Ano93a, Ano94h, Lev95, Old02]. synchronisation [SDB+16]. Synchronization [LA02, OCY+15, TGT05, BMG07, LA06, SPNB14, TMTP96, YLZ13]. Synchronizing [VT97]. Synchronous [Ada97, BJ13, Cer99, CLE+20, DLR99, HZG08, SRS+19]. Synergia [SSAS12]. Synergistic [UGT09]. Synthesis [CS14, GWG95]. synthesized [MC17]. Synthesizer [DS16]. Synthesizing [AJF16, LC20, NP12]. Synthetic [CC17, DP94]. Syracuse [IEE96f]. SYSMO [MM95]. System [Ada97, AJ97, AH00, BG95, BDG+xx, BL95, BFZ97, BDG12, CAM12, CGC+02, DBA97, DALD18, ERS95, ERS96, EK97, FBD01a, FBVD02, FFP03, Fis01, Gal97, GCBM97, GS91b, GS92, Gsx, GM95, Gre95, HS94, IADB19, KA02, LLRS02, LTR00, LLY93, Ma94, MRV00, MM02, MSF00, MMH98, MMS07, MMH93, NPM+04d, NMS+14, Oed93, PPT96a, RGD97, SGJ+03, SSB+05, SCP97, SA93, ST02b, Su93, TSS00b, Tsu07, UP01, Wil93, YSS+19, ARS89, ADK22, AS92, AL92, BB94, Bri95, BBH+15, DL10, DPFT19, DH22, FNSW99, FK94, GS91a, GS93, GS96, GMU95, GlkLyC97, Hddc09, Hum95, HS95b, IBC+10, ITT99, JH97, JLS+14, KW14, Kik93, LBD+96, LL95, LL95, MA09, MRR99, MMB+94, MAS06, MM11, MS99b, MALK5, MAAH20, NA099, PPT96b, PPT96c, PK05]. system [RJDH14, RTL99, SHH01, SL94b, Se99, SPL99, SGDM94, Sn96, Sur95b, VSR94, VSR95, WCC+07, WZWS08, YPZC95, YZPC95, ZL96, ZPLS96, ZWZ+95, dCGZ06, AL93, NMW93, Yan94]. System-Initiated [SSB+05]. system-on-a-chip [dCGZ06]. System/6000 [AL93, NMW93]. Systems [GBR97, GEW98]. Systems [ABB+17, Ano94a, At96, BCGL97, BGBP01, BME02, BPG94, Bha93, CDJ95, CAWL17, COE20,
CFF, CSW97, CJNW95, Coo95b,
DAD19, EADT19, FD96, FGKT97, Fos98,
GGZ+20, Gua16, HC17, HRSA07, IEE93d,
IE94d, IE95a, IE95i, KHL03,
KP96, KQT+21, KDL+95b, KCR+17, KS97,
LY93, LBB+21, LW97, MFW97, MBE03,
MJB15, MBB+12, SM03, SGS+21,
SS96, TMI16, TWL19, THN00, TL19,
USE94, WJG+21, YGH+14, YH96, ZTD19,
ZB97, dGJM94, AGR+95, ACMZR11,
ATL+12, Ano94e, BBB94, BAC20, BA90,
CdOO94, CSW97, Coo95a, CPR+95, DF17,
DR94, DBFV01, DvdLVS94, FHB+13,
GBR97, GCN+10, GDEBC20, GEW98,
GKK09, GKF13, Gra99, GFG12,
GGH+93, HHA95, IPG+18, IM95,
JB96, JMJ+11, KHS+99, KLV15,
KDL+95a, KFFS94, LBG+20,
LR06b, LH98, LRLG19, LCVD94b.
systems
[LG+20, LLH+14, MSL12, MWL+10,
Old02, OPW+12, Pan95b, Par93, PSB+19,
Pgcc1, QB12, RPS19, SSKF95, SCJH19,
SHP95, SVC+11, Smi93b, SI14, SMSW06,
SLN+12, Smn94b, TBB12, TMW17, TVCB18,
TSP95, VLMP+18, WCS+13, WWZ+96,
WADC99, WYLC12, ZL96, ZGC94, dH94,
diAMC11, dAMCFN12, JW96].
Systemsoftware [Sei99]. systolic [BSC99].

T3D
[AZ95, AFST95, CCSM97, HHW97, MP95,
MWO95, Oed93, Sch96a, Sch96b, SCC95].
T3E [BBS97, Boo01, Che99, GRRM99,
LSK04, RBB97c]. T3E-512 [RBB97c].
T3E-600 [LSK04]. T9000 [BR94].
table [BJ13], tablets [MYN21]. Tabu
[BCH15, Cza13, CB11]. Tags [Wis97].
TaihuLight [LHZ+20]. Tails [Kha13].
takes [GDB+93]. Talbot [ACMR14, Riz17].
tandem [GDMME22]. Tapi
[SML17, SML19]. Targeting
[BC19b, ABB+20, JKM+17, RVKP18]. Task
[AHD12, AAP+17, FKKC96, GDDM17,
GPC+17, GFJT19, IOK00, KIO+1, KSB+20,
LHCT96, MAR03, MB15, NIO+02, NIO+03,
NSZS13, NJ01, OP10, OS07, SGZ00,
SPL+12, SGS+21, TBS12, TS12a, WJG+21,
YKW+18, APBeF16, ABF+17, BLBV18,
BGH+05, GKF13, OdSSP12, OPW+12,
OPP00, RRFH96, RFRH96, STP+19,
SWCB20, SKB+14, WC19, WDR+19].
Task-Based [AHD12, AAP+17, GFJT19,
SPL+12, BLBV18, STP+19, SKB+14].
task-level [WDR+19]. Task-Overlapped
[GPC+17]. Task-Parallel
[KSB+20, NSZS13, APBeF16, ABF+17].
Taskers [FLD96]. Tasking
[DFA+09, KaM10, SHM+10, TCM18,
TSCaM12, VLSPL19, WC15, vdPl7].
tasklet [PQR18]. Tasks
[ACD+09, DDP+19, DT17, DAF+09, JY96,
OP98, PWPD19, RR02, RDLQ12, SGL+20,
WJG+21, YSS+17, YSS+19, BS01,
DDYM99, DR95, EBB+20, FKK+96b,
FKK96a, IvdLH+00, PKE+10, PWPD19].
TAU [MMS07, RMS+18]. taxonomy
[SPP96]. TBB [Stp18]. TBSCM [BP98].
TC2 [Bo07]. TC2/WG2.5 [Bo07].
TCGMSG [GB96, Mat94, Mat95]. TCP
[KPW05]. TD [And98]. Teaching
[MK00, JY95, MK97, PK06]. Technical
[Ano93c, Ano98, MC94, USE95, ACM06a,
Sni18]. Technique
[BBD+15, HC06, HAA+11, MK17, HC08,
Nes10, RBB17, MAIAHA14]. Techniques
[CP97, GS02, Miö01, SAL+17, SLP+12,
TGBS05, Wis01, AMKM20, BPG94, Fer04,
FCE+12, GSM+00, HKMCS94, JKN+13,
KBG+09, NFG+10, PFS05, SKS01, WST95].
technologies [Mal95]. Technology
[Ano97, Bra97, CGB+10, CSV12, Dan12,
GN95, HS94, PWP+16, SBT04, TGB+02,
Ano93a, Ano93c, D+95, DM12, IE94c,
NS16, ZAT+07]. Tekniska [Eng00].
Telegraphic [ES11]. TELMAT [BR94].
temperature [Hin11, RS22].
temperature-dependent [RS22].
Template [GS97, PKB06]. Templates [BN12, KH15]. Tennessee [PR94b]. Tensor [BKK20, ZLWW20]. terabyte [KTJT03]. Terabytes [IEE02]. teraflops [KTJT03].

Terms [KD12]. Tesla [MVL21].

Tessellation [SS09]. Test [GSYT21, SNMP10, TG09, AAAA16, CPGK17, CPR+95, GL92, TGTKL19].

test-input [CPKG17]. Testbed [Mat01b, EGH99, PY95]. Testing [CDT05, CCK12, DFK94b, DLLLZ19, DLLZ20, Ost94, VdS00, CMV+94, DFK93, KSTM20].

Testsuite [WCC12]. Texas [ACM06a, IEE94b, IEE95l, IEE95g, IEE97c, Y+93]. Text [LTR00, MM01, RLL01, RTL99].

Textbook [Ano98]. textural [WKS96].

texture [HE15]. TFETI [SHHC18]. TH [CFDL01]. TH-MPI [CFDL01]. Thakur [Ano00a]. Their [Bri12, GOM+01, RG18, GSMK17].

theorem [Sut96]. Theory [GK10, BW12, CBHH94]. Thera [CD01]. thermostat [RS22]. Think [HCA16].

Third [BPG94, Bos96, DSM94, GA96, IEE94g, SI96, Was96, BDLS96, Mal95, IEE97c].

Thirty {Y+93}. Thirty-seventh {Y+93}.

Thousands [PZKK02]. BMS+17. Thread [AELEG16, BB18, ETWA12, GOM+01, GT07, LML+19, Nit00, Pla02, STY99, SPB+17, AKB+19, HK09, IDS16, JKN+13, LW20, SPH96, SLN+12, YZ14].

thread-based [AKB+19]. thread-data [LW20]. Thread-Level [AELEG16, HK09, YZ14].

Thread-Safe [Pla02]. Thread-safety [GT07]. Threaded [BBG+10, MG15, WZM17, Ada98, EBKG01, SCB15, SVC+11, TSY99, TSY00].

threaded-MPI [SVC+11]. Threading [BHV12, MLGW18, SBT04, WKM+19, KPO00, KRG13, QB12, ZAT+07].

Threads [CP98, LD01, Lee06, SrD+21, BS01, DJJ+19, MVT96, ALW+15]. Three [Car07, GA96, ILM+21, Nak05b, Ram07, SAS01, ZWLZ21, GSMK17, LSSZ15, LZZ+20, Mar05, PR94c, ZWC21].

Three-Dimensional [GA96, ZWLZ21, ILM+21, LSSZ15, PR94c, ZWC21]. Three-level [Nak05b].

Throughput [HMKG19, SSMW10, Ts07, CJPC19, ESB13, FP16].

throughput-oriented [CJP19]. Thrust [DS20]. Tied [WJG+21]. Tightly [SS01].

Tightly-Coupled [SS01]. Tilewise [KS15b]. tiling [KW20]. Time [BCL00, CBB+20, CBB+21, DLLZ19, DLLZ20, FHK01, FSSD17, GSHL02, GOM+01, HO14, KFL05, MFTB95, OP98, SPB+17, SGL+20, SCL01, SS96, TWLL19, TSP95, UP01, YGH+14, AL96, ASB18, CDMS15, DLR94, DS22, DPFT19, DM12, Fer04, FLB+05, FKLB08, GB94, HE13, HFB21, JE95, KC94, KPL+12, KSC+19, KW20, LHLK10, LBB+16, LYSS+16, LM13, MMW96, NZZ94, ON12, OdS12, PTMF18, PRQ21, QHCC17, Ram07, SBW91, SBB+16, SM19, SK92, SRK+12, TSY99, Tho94, TVV96, TCBV10, Uhl95c, VM94, YSVM+16, YSMA+17, ZWZ+95, SKD+04].

time-critical [KSC+19]. time-dependent [DM12, LBB+16, LYSS+16, ON12, SBB+16, YSV+16, YSA+17]. time-domain [HE13, NZZ94, Ram07, VM94].

time-explicit [DS22]. time-independent [CDMS15]. time-stamping [DPFT19].

Time-Varying [DLLZ19, DLLZ20, Uhl95c].

times [MLVS16, NB96, SWCB20, SSS99].

timing [Ols95]. tips [Fer04]. TLM [SC96a].


Toepplitz [BV99, BAV08].

Tolerance [GKP97, GL04, LMGR14, LNLE00, RPM+08, TS12a, WC09, Wil93, CLE+20, LRG+16, LGM+20, SG05, WDR+19, ZHK06].

Tolerant [BBC+02, BCH+03, BHK+06, CF01, CFDL01, FD00, FBD01a, FBVD02, FD02a, FD04, GFB+03, GGZ+20, IEE95c,
Fer04, LK14. Tridiagonal
DALD18, DAD19, DR18, VLMPS+18.
Triplet [RJDDH14]. Trivandrum [IEE96a].
Troy [SS96]. Truncated [ZB97].
truncating [Ram07]. TSMC [Ano03].
TSUBAME [NSM12], TSUBASA [TSEE21].
Tsukuba [SHM+10]. tsunami [KH9+18].
Tunable [TIG] [RRBL03]. Tubal
ZLWW20, ZLWW20. Tubal-Rank
ZLWW20. Tucker [BBK20, OPJ+91].
TuckerMPI [BBK20]. Tucson [JB96].
tuned [PSB+91, VLM+20], Tuning
Ben18, Cza02, Cza03, LWSB19, NPP+00d,
PSH+20, SLJ+14, SrR+21, WG17, YT20,
DBLG11, FE17a, FE17b, LGG16, SH14,
Yan94, FVD00. tuple [MYB16].
tuple-based [MYB16]. Turbulence
[Str97, MRRP+11, Str96].
[BCM+16, CBYG18, NS20]. Tutorial
[EM00a, EM00b, GBD+94, GLT00b, Nov95,
NMC95, Per96, Ano95b]. TV [CIJ+10].
Twenty [ERS95, ERS96, HS94, IEE95c, MMH93].
Twenty-Eighth [ERS95]. Twenty-fifth
[IEE95c]. Twenty-Ninth [ERS96].
Twenty-Seventh [HS94]. Twenty-Sixth
[MMH93]. Two [CM98, STY99, SJK+17a,
SJK+17b, YM97, AGR+95b, AL93,
ADL03a, ADL03b, CB11, ED94, HAJK01,
LK20, MSP93, dIAMCFN12].
Two-Dimensional
[SJK+17a, SJK+17b, AL93]. two-layer
[dIAMCFN12]. Two-level [STY99].
two-phase [ED94]. TX
[ACM00, Cha05, DCM+92, Ano95a, Ano95d].
Type [GK10, MSB97, FVLS15, GFPG12].
Types [We94, NYNT12]. typy [OA17].

U.S. [LD01], U.S.A [Ano94c]. Überblick
[Wer95]. UK [Abr96, AD98, EJL20, HK95,
BP93, CJNW95, MC94]. UKMO [RSBT95].
ULFM [LCMG17, LGM+20]. Ultra [SJ02].
Ultra-High [SJ02]. Ultrafast
[KRC17, FWS+17], ultrashort [MV20].

Ultrasonic [ASAK19, DLLZ19, DLLZ20].
Umgebung [GBR97], UML [RGD13].
UML/MARTE [RGD13]. Umpire
[VdS00]. Unbalanced [OP10].
Uncertainty [MBS15]. underlying [RS21].
Understand [DeP03]. Understanding
[CRe01]. underwater [ZWC21].
unexpected [LF20]. Unibus [KSSS07].
UNICOM [Ano93b]. Unified [KC19,
GKZ12, SJK+17a, KL15, STA20].
unifies [RJDDH14]. uniform [KSG13].
uniformly [Trä12a]. Unify
[VSRC94, VSRC95]. unifying [CCM12].
Unintended [SAL+17]. unit
[JPL22, VDL+15, MSML10]. United
[Boi97]. Units
[KS15b, LSVW08, ABP15, BHS18,
LHLK10, WWFT11, HJBB14]. Universal
[LG97, DDL15]. University
[GB+10, IEE95d, IE95e, R+92]. Unix
[OLG01, RBS94]. Unleashing [TCM18].
uncharfer [Wil94]. Unstructured
[AB93a, NOO2b, SM02, SM03, AB93b,
NO02a, TP15]. unsupervised [RTN21].
unveils [Ano03]. UPC
[EGC02, MTK16, Mar05, SJK+17a, SJK+17b].
Update [DF21, KT10, GSMK17]. Updates
[ESB13, KS15a, ZDR01, HSE+17].
UPM
[NPP+00d]. ups [Ano03]. USA
[ACM96b, ACM98b, ACM00, ACM06a,
AGH+95, BBG+95, BS94, Cha05, CGM11,
DT94, EV01, EdS08, ERS96, GAT95,
Ham95a, Hol12, IEE95b, IEE95d, IEE96f,
IEE96e, IEE96i, MD+80, Old02, PBG+95,
Rec96, RV00, Sin93, Ten95, ACM95b,
ACMG97a, AGR95a, Ano89, B+05, DCM+92,
GT19, HS94, IEE94e, IEE95k, IEE02, Os94,
SL94a, SS96, USE94, USE95, USE00].
Usage [FD02a, FCLG07, BBB+20, FD02b,
FVLS15, FL21, PIR+20]. Use
[FJBB+00, Gro02a, HK93, HK95, MB12,
PSZ+00, Shi94, AB95, GEW98]. used
[JKN22]. USENIX [USE94, USE95]. User
[AD98, ACDR94, BDG+91a, CHD07, CD01,
V [JB96, BBC+02, BHK+06]. V100 [MYL21]. V2 [BCH+03]. VA [Sin93, RP95]. Vacci

Vacancy [Hol12]. V3UT [JF95]. Utilities [CC95]. UV2 [TW12]. UVM [NSLV16].

V [YULMTS+17, YWCF15, YCA18, ZWS95, ZSK15, ZAT+07, ZZ95, A095c, Ano00a, Ano00b]. UT [Hol12]. UTE [JF95]. Utilising [SC96a]. Utilities [CC95]. UV2 [TW12]. UVM [NSLV16].
[BDGS93, GKP96, GKP97, HJ98, KA13, MVY95, NAW+96, PK98, PCY14, Wis96a, ZLGS99, Bor99, Eng00, FHC+95, HPS95, KFA96, TSS98, WST95, Wis96b].


Voltage [KFL05, FKL08]. Volume [Ano99a, Ano99c, Ano99d, DLYZ19, DLLZ20, DFN12, GHL+98, KLH+20, SOHL+98, BHW+12, DS22, WST95].


VTDIRECT95 [HWS09, SWH15]. vulnerabilities [LCH+22]. VxWorks [YGH+14].

WA [ACM05, LCK11]. Wailea [ERS96, HS94, MMH93]. wait [SWCB20].

Waknaghat [CGB+10]. walk [RJH+20].

Walker [Ano99, Ano99a, Ano99b, Nag05].

walks [MW21]. wall [NB96]. wall-clock [NB96]. walls [JAT97]. WAMM [BCLN97].

Wang [KO14, Kom15]. Warehousing [DERC01]. Warp [MPZ21, SCL01, HKOO11, MMW96, VSW+13]. WARPED [MMW96]. WARPmemory [SFO95].

Washington [B+05, BS94, IEE93c, EIE94, IEE95k, Ost94]. watching [JLG05]. water [DS22, HTHD99, R+92, STA20, dIAMC11, dIAMCF12]. Waterman [KDSO12, RGB+18]. watershed [NAJ99].

Wave [BBC+00, EMO+93, ESM+94, NSLV16, SMOE93, G694, KM10, KEGM10, Mal01, NS20, NB96, RMMM+12].

Wave-Particle [NSLV16]. Waveform [LRS95]. Wavelet [Uhl94, Uhl95b, Zem94, vDLJ+11, Uhl95a, Uhl95c]. Way [Mon13, HLK+20, WDR+19, FGT96]. ways [CZ96]. WCRT [SGS+21]. weak [SD16]. Weather [AHF01, HE02, Bjo95, KOS+95a, Ma01].

web [CHK15, AASB08, NE01, PES99, Wa101b].

Weighted-Averaging [RJ21]. welcomes [Str94]. West [EV01, EdS08]. Westin [IEE94e]. We’ve [GKPS97]. WG10.3 [DR94]. WG2.5 [Bo197]. Wheeler [NTR16].

where [KC94]. which [Sh96]. Whippletree [SKB+14]. whistler [NS20].


wk [CB00]. William [Ano95c, Ano99e, Ano99d, Ano00a, Ano00b]. Williamsburg [IEE92]. Win32 [MS98]. windows [QB12, QM21, GGGC99, PSH+00].

worker [WQKH20]. Work [BHR97, Pet00a, Pet00b]. Worker [EML00, YG96].

Worker-Based [YG96]. Workerproblem [FH98]. Workflow [LYZ13]. workflows
...References

Andion:2016:LAA


Agullo:2017:BGB


Almasi:2005:DIM


Akhalov:2008:WPL


Arthur:1993:PIU

REFERENCES


REFERENCES


Appiani:1995:PSI


Appiani:1995:PSM


Agosta:2015:OPP


Aliaga:2017:CTP


Arbenz:1996:MDS

P. Arbenz, M. Billeter, P. Güntert, P. Luginbühl, M. Taufer, and U. von Matt. Molecular dynamics simulations on Cray clusters using the SCIDDLE-PVM environment. In Bode et al. [BDLS96], pages 142–?? ISBN 3-540-61779-5. ISSN 0302-9743 (print), 1611-
REFERENCES


[AC17] Michail Alvanos and Theodoros Christoudias. MEDINA:


Arnold:1994:PCT


Acacio:2002:MDM


Alexandrov:1997:PMC


Agullo:2011:QOM


Andersch:2012:PPE


ACM:1990:PAC

REFERENCES


[ACM97a] ACM, editor. 1997 Proceedings of the second international symposium on parallel symbolic computa-

[ACM97b]
REFERENCES


Jean-Marc Adamo. Multithreaded object-oriented MPI-based message passing interface: the ARCH library, volume SECS 446 of The
REFERENCES


Antonuccio-Delogu:1994:PTN


Addison:2001:EOP


Arioli:1995:PSB


Adamek:2020:GFC


Agathos:2022:CAA


Amestoy:2003:IIMa

Patrick R. Amestoy, Iain S. Duff, Jean-Yves L’Excellent,


F. J. Alfaro, J. A. Gallud, and J. L. Sanchez. A function to dynamic workload allocation in distributed applications. *Lecture Notes in Computer Science*, 1332:
REFERENCES


REFERENCES

Andoh:2021:AMM


Aversa:1997:MDP


Aguilar:1997:PMS


Awan:2020:CPC


Aubrey-Jones:2016:SMI

AlKadi:2018:GPC


Alexandrov:1999:PMC


Adam:2019:CRA


Armstrong:2000:QDB


Andersen:1994:PIA


Asai:1999:MIF

Abdelfattah:2016:KOL


Alt:1996:PIA


Amer:2018:LCM


Alund:1994:CFD


Altevogt:1993:PTD


Alfano:1992:DNA


Ayguade:1999:EML


Amato:1994:PEP


anMey:2007:NPO


Al-Mouhamed:2015:EAO


Aversa:1994:PSH


Andersson:1998:PFT


Anonymous:1989:PFC

REFERENCES


Anonymous:1992:PSE


Anonymous:1993:ATA


Anonymous:1993:ISA


Anonymous:1993:JFI


Anonymous:1993:MPI


Anonymous:1993:MMP


Anonymous:1993:PSE


Anonymous:1993:SEC

REFERENCES

Fairs, Utrecht, Netherlands, 1993. ISBN ???? LCCN ????


Anonymous:1994:SCC


Anonymous:1994:SQC


Anonymous:1995:CCS


Anonymous:1995:BRPb


Anonymous:1995:BRU


Anonymous:1995:RSS


Anonymous:1995:UPH

Anonymous. Using PVM to host CLIPS in distributed environments. In
REFERENCES

3rd CLIPS conference — September 1994, Houston, TX [Ano95a], pages 203–211. ISBN ???? LCCN ????

Anonymous:1996:BRMh


Anonymous:1997:TNR


Anonymous:1998:ANO

Anonymous. Announcements: New official Fortran technical reports; working group 5 documents; OpenGL Fortran 95 bindings; MPI module provides enhanced Fortran support; variable precision arithmetic; Fortran information sites; new Fortran compiler versions from Lahey and Fujitsu; downloadable advanced Fortran textbook; Fortran engineering textbook. ACM Fortran Forum, 17(3):1–2, December 1998. CODEN ????? ISSN 1061-7264 (print), 1931-1311 (electronic).

Anonymous:1999:BRMa

REFERENCES


Anonymous:1999:BRMf


Anonymous:1999:BRMb


Anonymous:2000:BRUd


Anonymous:2000:BRUe

Anonymous:2001:AAL

Anonymous:2001:EDP

Anonymous:2003:MNIc
REFERENCES

Anonymous:2012:CTC


ANS:1995:MCR


Anglano:1996:PMB


Aji:2016:MEA


Aji:2016:MAA


AlHaddad:2001:UNW


Arabnia:1995:TRA

[AR95] Hamid Arabnia, editor. Transputer research and
Al-Refaie:2017:PAH

Al-Refaie:2017:PCT

Al-Refaie:2017:PAH

Al-Refaie:2017:PCT
REFERENCES


REFERENCES

Endowment, 10(8):901–912, April 2017. CODEN ???. ISSN 2150-8097.

Agrawal:1994:PIC


Amritkar:2012:OPF


Al-Tawil:2001:PME


Attiya:1996:ERS


Angskun:2001:DPM

REFERENCES


María Barreda, José I. Aliaga, and Marc Casas. Iteration-fusing conjugate gradient for sparse linear systems with MPI + OmpSs. *The Journal of
REFERENCES


Bader:2016:EMT


Becciani:2007:FMH


Back:2020:ESO


Barai:2022:PMP


Bruel:2017:ACC


Baker:1998:MNC

REFERENCES

ISSN 0302-9743 (print),
1611-3349 (electronic).

Blaszczyk:1995:PCE

[BALU95] A. Blaszczyk, Z. Andjelic,
P. Levin, and A. Ustundag.
Parallel computation of electric fields in a heterogeneous workstation cluster.
In Hertzberger and Serazzi [HS95a], pages 606–611. ISBN 3-540-59393-4. ISSN
0302-9743 (print), 1611-3349 (electronic). LCCN QA76.88.

Buyukkecici:2013:POI

[BAS13] Ferit Buyukkececi, Omar
Awile, and Ivo F. Sbalzarini.
A portable OpenCL implementation of generic
particle-mesh and mesh-particle interpolation in 2D
and 3D. Parallel Computing, 39(2):94–111,
February 2013. CODEN PACOEH. ISSN
0167-8191 (print), 1872-7336 (electronic).
URL http://www.sciencedirect.com/
science/article/pii/S0167819112000920.

Bernabeu:2008:MPA

[BAV08] Miguel O. Bernabeu, Pedro
Alonso, and Antonio M. Vidal.
A multilevel parallel algorithm to solve symmetric
Toeplitz linear systems. The Journal of Supercomputing,
44(3):237–256, June 2008. CODEN JOSUED.
ISSN 0920-8542 (print), 1573-0484 (electronic).
URL http://www.springerlink.com/
openurl.asp?genre=article&
issn=0920-8542&volume=
44&issue=3&spage=237.

Bedrosian:1993:MFA

Benway. Magnetostatic
finite-element analysis on
MIMD/DMMP parallel com-
puters. In Yelon et al.
[Y+93], pages 6772–6777.
CODEN JAPIAU. ISBN
1-56396-212-8. ISSN
0021-8979 (print), 1089-7550
(electronic), 1520-8850. LCCN
QC753.C748 1990. Two vol-
umes.

Beguelin:1994:CMS

A configurable monitoring system for parallel programming.
LCCN QA76.9.D5I595
94TH0651-0.

Beaumont:1995:DPG

[BB95a] P. M. Beaumont and P. T.
Bradshaw. A distributed parallel genetic algorithm for solving optimal growth models.
Computational Economics, 8(3):159–179,
August 1995. CODEN CNOMEL.
ISSN 0927-7099.

Bunge:1995:MCM

[BB95b] Hans-Peter Bunge and John R.
Baumgardner. Mantle convec-
tion modeling on parallel virtual machines. Com-


[BBD+20] N. Bombieri, F. Busato, A. Danese, L. Piccolboni,

**Bethune:2014:PAA**


**Bailey:1995:PSS**


**Bova:1999:PPM**


**Bova:2001:PPM**


**Balaji:2010:FGM**

Pavan Balaji, Darius Buntinas, David Goodell, William Gropp, and Rajeev Thakur. Fine-grained multithreading support for hybrid threading MPI programming. *The International Journal of*
REFERENCES


Balaji:2011:MMC


Barrett:2014:EMM


Barak:1996:PPM


Bouteiller:2006:HPS


Bischof:2008:AAD

REFERENCES


REFERENCES

QA76.88.I57 1994. DM96.00.
Two volumes.


REFERENCES

[BCA+06] Christopher Barton, Călin Casca
caval, George Almási, Yili Zheng, Montse Farris,
siddhartha Chatterje, and José Nelson Amaral.


[BCAD06] U. Becciani, M. Comparato, and V. Antonuccio-


implementation of a verification technique for GPU kernels. ACM Transactions on Programming Languages and Systems, 37 (3):10:1–10:??, June 2015. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


REFERENCES


Mathematical Sciences Section, Oak Ridge National Laboratory, Knoxville, TN, USA, September 1991.


REFERENCES


**Beguelin:1995:REP**


**Beguelin:1993:VDH**

[BDG+xx] A. Beguelin, J. J. Dongarra, G. A. Geist, R. Manchek, and V. S. Sunderam. PVM software system and documentation. Email to netlib@ornl.gov, ??? 19xx.

**Beguelin:1993:PSS**


**Beguelin:1995:EMP**


**Bruck:1997:EMP**


**Browne:1998:RPA**

REFERENCES

perftools-review/. Accepted, to appear.


[Bubak:1997:RAP] Marian Bubak, J. J. Dongarra, and Jerzy Wasniewski, editors. Recent advances in parallel virtual...
Batty:2016:OSA


Beyls:1999:JJP


Beguelin:1992:XTM


Beguelin:1993:XTMb


Beguelin:1993:XAT


Beguelin:1993:XTMa


Bull:2010:PEM

REFERENCES

127


Benkner:1995:VFA


Bencheva:2001:MPI


Benedict:2018:SES


Bernaschi:1996:RHP


Baker:1998:MNP


Berthou:2001:COH


Bubak:2001:PMS

Marian Bubak, Wlodzimierz Funika, Bartosz Bali, and


M. Bubak, W. Funika, and J. Moscinski. Evaluation of

**Bouge:1996:EPP**


**Bubak:1996:PBP**


**Bubak:1996:PPM**


**Bozas:1997:PED**


**Bhavsar:1991:SSJ**


**Boerger:1994:FSP**

E. Boerger and U. Glaesser. A formal specification of the PVM architecture. In Pehrson et al. [PSB+94],
REFERENCES


REFERENCES

issn=0885-7458&volume=37&issue=3&spage=250.

Blanco:2002:PMA


Balasubramanian:2015:EGL


Bhanot:2005:OTL


Bischof:2008:PRM


Butler:2000:SPM

REFERENCES

Beisel:1997:EMD


Brune:1997:HMP


Breitenecker:1995:ESC


Bhargava:1993:PIW


Bhanot:1998:DTM


Bader:1996:PPA


Bouteiller:2006:MVP

REFERENCES


[BHRS08] Uday Bondhugula, Albert Hartono, J. Ramachandran, and P. Sadayappan. A practical automatic polyhedral parallelizer and locality optimizer. ACM SIG-
REFERENCES


[Bae:2017:SEF] Seung-Hee Bae, Daniel Halperin, Jevin D. West, Martin Rosvall, and Bill Howe. Scalable and efficient flow-based community detection for large-scale graph analysis. ACM Transactions on Knowledge Discovery from Data (TKDD), 11
REFERENCES


**Bickham:1995:POM**


**Bernaschi:2005:ERA**


**Blas:2010:IEF**


**Branca:1995:CBH**


**Bilger:1995:AFM**


**Bernaschi:1999:ERA**


**Biradar:1994:ADL**

[Umesh V. Biradar. Adaptive distributed load balancing model for parallel virtual machine. Master of science
in computer science, Department of Computer Science, College of Engineering, Lamar University, Beaumont, TX, USA, 1994. viii + 44 pp.


REFERENCES

137

[102x681] REFERENCES


Bhandarkar:1996:MPM

M. A. Bhandarkar and L. V. Kale. MICE: a prototype MPI implementation in
Converse environment. In IEEE [IEE96i], pages 26–31.

Bull:2000:JOL

J. M. Bull and M. E. Kam-bites. JOMP: an OpenMP-like interface for Java. In
????, editor, Proceedings of the ACM 2000 conference on
Java Grande, pages 44–53.

Balevic:2011:KAD

Ana Balevic and Bart Kien-
huis. KPN2GPU: an approach for discovery and exploitation of fine-grain
data parallelism in process networks. ACM
SIGARCH Computer Archi-
tecture News, 39(4):66–71,
September 2011. CODEN CANED2. ISSN 0163-5964
(print), 1943-5851 (elec-
tronic).

Bhandarkar:2001:ALB

Milind Bhandarkar, L. V.
Kalé, Eric de Sturler, and
Jay Hoeflinger. Adaptive load balancing for
MPI programs. Lecture
CODEN LNCS9D9. ISSN 0302-9743 (print), 1611-3349
(electronic). URL http://
link.springer-ny.com/
link/service/series/0558/
bibs/2074/20740108.htm;
http://link.springer-
ny.com/link/service/series/
0558/papers/2074/20740108.
pdf.

Bektas:2002:PCP

Constantine Bekas, Efrosini
Kokio-
poulou, Efstratios Gal-
lopoulos, and Valeria Si-
moncini. Parallel compu-
tation of pseudospectra us-
ing transfer functions on a
MATLAB-MPI cluster plat-
form. Lecture Notes in
Computer Science, 2474:
199–??, 2002. CODEN
LNCS9D9. ISSN 0302-9743
(print), 1611-3349 (elec-
tronic). URL http://
link.springer.de/link/
service/series/0558/bibs/
2474/24740199.htm; http://
link.springer.de/link/
service/series/0558/papers/
2474/24740199.pdf.

Berka:2013:CPC

Tobias Berka, Giorgos Kol-
lias, Helge Hagenauer, Mar-
ian Vajtersic, and Ananth
Grama. Concurrent pro-
gramming constructs for
parallel MPI applications.
The Journal of Super-
computing, 63(2):385–406,
Ballard:2020:TPC


Boryczko:1995:NIC


Bull:2000:PPJ


Beaugnon:2014:VVO


Ballico:1994:PSP


Bendrider:1995:SME

M. Bendrider and J.-M. Leclercq. Second-order Møller–Plesset and Epstein–Nesbet corrections to the molecular charge density: Distributed computing on a cluster of heterogeneous workstations with the PVM system. In Bernardi and Rivail [BR95a], pages 73–
REFERENCES


Beazley:1997:EMP


Bubak:1999:TPR


Baraglia:1993:PWC


Bach:2013:LQB


Belviranli:2018:JDA


Bubak:1998:PCL


Bhandarkar:1997:CRP

Suchendra M. Bhandarkar and Salem Machaka. Chromosome reconstruction from physical maps using a cluster of workstations. The
REFERENCES


Booth:2000:SSM


Basumallik:2002:TOE


Buntinas:2007:IES


Bronevetsky:2003:AAL


Bubak:1994:PDS


Bubak:1994:EMD

[BMG07] M. Bubak, J. Moscinski,
REFERENCES


Baiardi:2001:CRD


Brightwell:2002:DIM


Bubak:1994:FLG


Bubak:1994:IPL


Barthels:2017:DJA


Boschetti:2019:MOD

Marco Antonio Boschetti, Vittorio Maniezzo, and Francesco Strappaveccia. Membership overlay design optimization with re-

Berrendorf:2000:PCO [BO00]

Bawidamann:2012:ETO [BoFBW00]

Bull:2001:MSO

Bubak:2000:IOB

Boisvert:1997:QNS
REFERENCES

Bonnet:1996:UPW


Booth:2001:OML

link/service/series/0558/bibs/2150/21500080.htm;

Borkowski:1999:LVC

[Bor99] J. Borkowski. On line visualization or combining the standard ORNL PVM with a vendor PVM implementation. In Dongarra et al. [DLM99], pages 157–164.

Boszormenyi:1996:PCT


Brebbia:1993:ASE


Berthou:1998:PHM


Barbosa:1999:ADM

[BP99] J. Barbosa and A. Padilha. Algorithm-dependant method to determine the optimal number of computers in parallel virtual machines. Lecture Notes in Computer Sci-
REFERENCES


[BR91] A. T. Balou and A. N. Refenes. The design and implementation of VOOM: a parallel virtual object ori-
Burrer:1994:RRB

C. Burrer and P. Remy. RUBIS: a runtime basic interface software on TELMAT T9000 TN series. In de Gloria et al. [dGJM94], pages 63–78. ISBN ???? LCCN ????

Bernardi:1995:CCE


Bernaschi:1995:DRP


Bane:2002:EOA


Boeres:2004:ETF

Cristina Boeres and Vinod E. F. Rebello. EasyGrid: towards a framework for


Brightwell:2010:EDA

Brightwell:2003:DIP

Boudet:1999:PIH

Benzoni:1992:CLF

Briley:1994:NNH

Bruck:1995:EMPa

Brightwell:2005:AIO
REFERENCES


Blikberg:2005:LBO


Brown:2007:HSP


Betcke:2021:DHP


Bassomo:1999:PGE


Bolton:2000:MPL


Bukata:2015:SRC

REFERENCES


Bakhtiari:1995:APL

Bai:2013:SLA

Benzoni:1991:MFR

Blaszczyk:1996:EPI

biewski:2001:MOS

Bu:2001:PAC
Bonelli:2017:MCA

Badia:1999:SIT

Baltas:1994:CPC

Berendsen:1995:GMP

Baskaran:2012:ACO

Berg:2012:FCL

Blum:1996:PIP
[BWT96] J. M. Blum, T. M. Warschko,
REFERENCES


Bureddy:2012:OGM


Bihari:2012:CIT


Blattner:2012:PSC


Bendtsen:1997:RLS


Calmet:1994:RWC

J. Calmet, editor. Rhine workshop on computer alge-
REFERENCES


[Czapinski:2011:TST] Michal Czapinski and Stuart Barnes. Tabu Search with two approaches to parallel flowshop evaluation on
Creech:2016:TSS

Cesarini:2020:CSR

Cesarini:2021:CRT

Cooper:1994:CHF

Coronado-Barrientos:2019:ANF

Casas:2010:APD
REFERENCES

Che:2008:PSG

Chapman:2002:APU

Clay:2018:GAP

Chapple:1995:PUL

Cowles:2018:ISB
REFERENCES


REFERENCES

Springer.com/chapter/10.1007/978-3-642-34188-5_18.


REFERENCES


Chang:1995:EPCb

Chang:1995:EPCa

Casanova:1995:PPM

Chandra:2001:PPO

Colombet:1993:SMI

Casanova:2015:SMA

Cotronis:2011:RAM
Yiannis Cotronis, Anthony
REFERENCES


REFERENCES

sagepub.com/content/19/1/81.full.pdf+html.

[Ceron:1998:PID]

[Cappello:2000:MVM]

[Clemencon:1995:AEP]

[Chau:2007:MIP]

[Cerin:1999:DMP]

[Chen:2001:FFT]

[Crivellini:2019:OPS]

162
REFERENCES


REFERENCES


[Chaudhuri:2010:PIC] Pranay Chaudhuri, Sukumar Ghosh, Raj Kumar Buyya, Jian-Nong Cao, and
REFERENCES


Carretero:2015:AMM


Calderon:2002:IMI


Camp:2011:SIU


Carter:2010:PLN


Clarke:1994:MMP

L. Clarke, I. Glendinning, and R. Hempel. The MPI Message Passing Interface Standard. In Decker and Rehmann [DR94], pages
Cunningham:2014:RXE


Carpenter:2000:MML


Catanzaro:2011:CCE


Calore:2016:PPA


Chapman:2011:OPE

REFERENCES


Zhezhe Chen, Qi Gao, Wenbin Zhang, and Feng Qin. Improving the reliability of MPI libraries via message flow checking. *IEEE Transactions on Parallel and Dis-
REFERENCES

Cheng:1994:PDP

Ciancarini:1996:CLM

Charny:1996:MPV

Chapman:2002:PAD

Chapman:2005:SMP
REFERENCES


Cappello:2007:RAP

Cappello:2009:FSI

Chergui:1999:UPP

Cheng:2010:BRBb

Cho:2015:OAO
REFERENCES


Chang:2016:DLD


Casas:1994:ALM


Culler:1993:LTR


Castro-Leon:1993:MCP


Clark:1998:FOP


Chikin:2019:MAA

REFERENCES


REFERENCES


REFERENCES


Claver:1999:PCS


Cahir:2000:PMM


Corbalan:2004:PMD


Carson:2003:CGU


Chapman:2012:OHW

Campanai:1994:EAS


Chapman:1999:EOF


Chou:2010:CMI


Chalkidis:2011:HPH


Coelho:1994:EHC


Cho:2020:PMP


Cooperman:1995:SBP

REFERENCES

Cooperman:1995:SMB


Cotronis:1997:MPP


Cotronis:1998:DMP


Cotronis:2004:CMP


Coussement:1993:PMO


Carvalho:1997:PCC


Carissimi:1998:AEM


Cercos-Pita:2015:ANF

J. L. Cercos-Pita. AQUAgpush, a new free 3D SPH solver accelerated with OpenCL. Computer Physics Communications, 192(??):295–312, July 2015. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944
REFERENCES


REFERENCES

19/19/45/33/30/abstract.html.


REFERENCES


Chetlur:1998:ALE


Clement:1996:NPM


Cavenaghi:1996:UPS


Carreira:1995:DEL


Chevitarese:2012:STN


Ciegis:1997:NID


Ciegis:1999:HDA

R. Ciegis, R. Sablinskas, and J. Wasniewski. Hyperrectangle distribution algo-


REFERENCES

(Cprint), 1558-2183 (electronic).

Cotronis:2000:_CMP

J. Y. Cotronis, Z. Tsi-
atsoulis, and C. Kouni-
akis. Composition of mes-
 sage passing applications
on-demand. Lecture Notes
in Computer Science, 1908:
192–??, 2000. CODEN
LNCSD9. ISSN 0302-
9743 (print), 1611-3349
(electronic). URL http:
//link.springer-ny.com/
link/service/series/0558/
bibs/1908/19080192.htm;
http://link.springer-
ny.com/link/service/series/
0558/papers/1908/19080192.
pdf.

Czarnul:2001:DPD

Pawel Czarnul, Karen Tomko,
and Henryk Krawczyk. Dy-
namic partitioning of the
divide-and-conquer scheme
with migration in PVM en-
vironment. Lecture Notes
in Computer Science, 2131:
174–??, 2001. CODEN
LNCSD9. ISSN 0302-
9743 (print), 1611-3349
(electronic). URL http:
//link.springer-ny.com/
link/service/series/0558/
bibs/2131/21310174.htm;
http://link.springer-
ny.com/link/service/series/
0558/papers/2131/21310174.
pdf.

Candel:2019:EMC

F. Candel, A. Valero, S. Pe-
tit, and J. Sahuquillo. Ef-
ficient management of cache
 accesses to boost GPGPU
memory subsystem perfor-
 mance. IEEE Transactions
on Computers, 68(10):
CODEN ITCOB4. ISSN
0018-9340 (print), 1557-9956
(electronic).

Cao:2011:OMM

Chao Cao, Yun wen Chen,
Yuning Wu, Erik Deumens,
and Hai-Ping Cheng. OPAL:
a multiscale multicenter sim-
 ulation package based on
MPI-2 protocol. International
Journal of Quantum Chem-
istry, 111(15):4020–
4029, December 2011. CO-
DEN IJQCB2. ISSN 0020-
7608 (print), 1097-461X
(electronic).

Chang:2020:ADI

Tyler H. Chang, Layne T.
Watson, Thomas C. H.
Lux, Ali R. Butt, Kirk W.
Cameron, and Yili Hong.
Algorithm 1012: DELAU-
AYSPARSE: Interpolation
via a sparse subset of the
Delaunay triangulation in
medium to high dimensions.
ACM Transactions on Math-
ematical Software, 46(4):
CODEN ACMSCU. ISSN
0098-3500 (print), 1557-7295
REFERENCES


[Cza13] Michal Czapinski. An effective Parallel Multistart Tabu Search for Quadratic Assignment Problem on CUDA platform. *Jour-
REFERENCES

Czech:2016:IPC


Chapman:2008:PPM


Chen:2021:CCR


Dongarra:1991:UGP


Dongarra:1995:HPC


Daberdaku:2019:ACT

Sebastian Daberdaku. Accelerating the computation of triangulated molecular


deAndrade:2017:OFH


Demuynck:1997:DOD


Dinan:2016:IEM


Dursun:2009:MPM


Dotsenko:2011:ATF


DiMartino:2001:WDS


Juan del Cuvillo, Weirong Zhu, and Guang Gao. Land-


**Dan:1999:QAM**


**Durand:1991:HPC**


**Demaine:1996:FCC**


**DePasquale:2003:UJU**


**Dehne:2001:CPD**


**Dashti:2017:AMM**


**Dalcin:2021:MSU**

August 2021. CODEN CSENFA. ISSN 1521-9615 (print), 1558-366X (electronic).


REFERENCES

DIAZ:2012:CCF

DIAZ:2019:A0O

DOULIS:2019:CMP

DAMBRA:1995:CBC

DINAN:2014:ECC
Dinan:2012:EMC

Dongarra:2019:PPL

Dongarra:1993:UPR

Dongarra:1993:IPF

daCunha:1994:PIR


deGloria:1994:TAS
A. de Gloria, M. R. Jane, and D. Marini, editors.
REFERENCES

DEN ACMHEX. ISSN 1019-7168.


REFERENCES


REFERENCES


REFERENCES


[DLP00] J. J. Dongarra, Peter Kacsuk, and Norbert Podhorszki, editors. Recent advances in parallel virtual machine and message
REFERENCES

Dickens:2010:HP1

delaAsuncion:2011:SOL

delaAsuncion:2012:MC1

Desai:2007:CEM

Marcos:2002:DDP
REFERENCES

Deng:2019:CBV


Deng:2020:CCB


Degomme:2017:SMA


Dongarra:1999:RAP


DeKeyser:1994:RTL


Lu:2004:AFS


DeSande:1999:NBS


DiPietro:2016:CLD


Despons:1993:CCP


Davies:1995:NSP


Davies:1995:NPE

REFERENCES


Dagum:1998:OIS

Dziubak:2012:OOI

Dathathri:2016:CAL
Roshan Dathathri, Ravi Teja Mullapudi, and Uday Bondhugula. Compiling affine loop nests for a dynamic scheduling runtime on shared and distributed memory.


Dalcin:2019:FPM

DiMartino:1997:IPD

Dongarra:1996:APC
Jack J. Dongarra, Kay Madis- sen, and Jerzy Wasniewski, editors. *Applied parallel computing: computations in physics, chemistry, and engineering science: second international workshop, PARA ’95*, Lyngby, Den-

Dinda:1996:PIA


Donev:2006:ICF


Sandes:2016:CIS


Dongarra:1995:IMS


Dongarra:1996:MPS


DeRoeck:1994:CFP

Y. H. De Roeck and R. E. Plessix. Combining F90
REFERENCES


REFERENCES


Dowaji:1995:LBS


DiMartino:1997:MDH


Davina:2018:MCP


Deuzeman:2012:LMP


Deshpande:1996:MIBb


Djordjevic:1996:ICI


Dang:2013:CES

Hoang-Vu Dang and Bertil Schmidt. CUDA-enabled sparse matrix-vector multiplication on GPUs using

Deniz:2016:MGM

Delmas:2022:MGI

Duran:2005:RAP


Dietrich:2017:CBA

Davidor:1994:PPS
[DSM94] Yuval Davidor, Hans-Paul Schwefel, and Reinhard Manner, editors. Parallel problem solving from nature — PPSN III: International Conference on Evolutionary Computation, the Third Conference on Parallel Problem Solving from Nature, Jerusalem, Israel,

Dohi:2011:GIO


Domokos:2000:PRC


Daleiden:2020:GPP


Deshpande:1996:MIBa


Dekker:1994:MPP

REFERENCES


Dantas:1996:ILB

Dantas:1998:ESM

Delves:1998:HPF

Dragovitsch:1995:PPS

Dykes:1994:CCP

Edmonds:2019:HAS
Edjlali:1995:DPP


Eichenberger:2020:HCG


Elwasif:2001:AMT


Eppstein:1994:CSP


Eddelbuettel:2018:BRN


Eigenmann:2008:ONE

ElMaghraoui:2009:MIM

Eleftheriou:2005:SFF

El-Ghazawi:2002:UPP

Eppstein:1992:PGC

Eickermann:1999:PID
REFERENCES

Erhel:2014:DDM

[EGH+14]

Ebrahimirad:2015:EAS

[EGR15]

Eberl:1999:PCP

[EKTB99]

Elamvazuthi:1994:OPA
C. Elamvazuthi and G. A. Manson. Occam, PVM and the alternative construct. In Miles and Chalmers [MC94],
REFERENCES

Eigenmann:2000:TMPa

Eigenmann:2000:TMPb

Espenica:2002:PPA

Espinosa:1998:ADP

Espinosa:2000:APA

Ewing:1993:DCW

Engquist:2000:SVG
Björn Engquist, editor. Simulation and visualization on
REFERENCES


Emani:2015:CDM


Ebner:1996:TFP


Espinosa:1999:REB


Eizenberg:2017:BBL


ElZein:2012:GOC


El-Rewini:1995:PTE

El-Reini:1996:PTN


Ewedafe:2011:PID


Ellingson:2013:SNU


Ewing:1994:DCW


Escag:1994:PMD


Eichenberger:2012:DOT

Eigenmann:2001:OSM


Eichstadt:2020:CSM


Elis:2020:QNG


Eckert:2016:HAL

REFERENCES

---

Faraji:2018:DCG


Fabeiro:2016:WPP


Fabeiro:2015:AGO


Fang:1998:DDL


Freeman:1994:SMM


Fang:1995:PMS


Fang:1996:SPP


Fang:1997:MDD

Niandong Fang and Helmar Burkhart.


[Floros:2005:TGS] Evangelos Floros and Yian-


Graham Fagg and Jack Dongarra. PVMPi: An integration of PVM and
MPI systems. *Calcula-
teurs Parallèles*, 8(2):151–
166, 1996. CODEN ????
ISSN 1260-3198. URL
http://www.netlib.org/
utk/papers/pvmpi/paper.
html; http://www.netlib.
org/utk/papers/pvmpi/pvmpi.
ps; http://www.netlib.
org/utk/people/JackDongarra/
pdf/pvmpi.pdf.

[Fischer:1997:AAP]
Markus Fischer and Jack
Dongarra. Another architec-
ture: PVM on Windows 95/
NT. In ????, editor, *Concur-
tent Computing Conference,
Atlanta, GA, March 10–11,
1994*, page ?? ??, ???,
netlib.org/utk/people/
JackDongarra/PAPERS/nt-
paper.ps; http://www.
netlib.org/utk/people/
JackDongarra/pdf/nt-paper.
pdf.

[Fagg:2000:FMF]
Graham E. Fagg and Jack J.
Dongarra. FT-MPI: Fault
Tolerant MPI, supporting
dynamic applications in a
dynamic world. *Lecture
Notes in Computer Sci-
CODEN LNCSD9. ISSN
0302-9743 (print), 1611-3349
(electronic). URL http://
link.springer-ny.com/
link/service/series/0558/
biba/1908/19080346.htm;
http://link.springer-

[Fagg:2002:HFTa]
Graham E. Fagg and Jack J.
Dongarra. HARNESS fault
tolerant MPI design, usage
and performance issues. Tech-
nical report ???, University of Ten-
nessee, Knoxville, Knoxville,
TN 37996, USA, 2002.
URL http://www.netlib.
org/netlib/utk/people/
JackDongarra/PAPERS/ft-
mpi-fgcs-grid-se.pdf.

[Fagg:2002:HFTb]
Graham E. Fagg and Jack J.
Dongarra. HARNESS fault
tolerant MPI design, usage
and performance issues. *Future Generation
Computer Systems*, 18(8):
CODEN FGSEVI. ISSN
0167-739X (print), 1872-
7115 (electronic).

[Fagg:2004:BUF]
Graham E. Fagg and Jack J.
Dongarra. Building and us-
ing a fault-tolerant MPI im-
plementation. *The Interna-
tional Journal of High Per-
formance Computing Ap-
plications*, 18(3):353–361,
Fall 2004. CODEN IHPCFL.
ISSN 1094-3420 (print),
1741-2846 (electronic).
URL http://hpc.
REFERENCES

sagepub.com/content/18/3/353.full.pdf+html.

[FDG97a] G. Fagg, J. Dongarra, and A. Geist. Heterogeneous MPI application interop-
eration and process management under PVMPI. Technical report CS-97-
???, University of Ten-
netlib.org/utk/papers/ pvmmpi97.ps; http://
www.netlib.org/utk/people/
JackDongarra/pdf/pvmmpi97.
pdf.

[FDG97b] G. E. Fagg, J. J. Don-
garra, and A. Geist. Het-
eroogeneous MPI application interoperation and process management under PVMPI. Lecture Notes in Computer
0302-9743 (print), 1611-3349 (electronic).

[FDG19] Thomas Faict, Erik H.
D’Hollander, and Bart
Goossens. Mapping a
guided image filter on the
HARP reconfigurable archi-
tecture using OpenCL. Al-
gorithms (Basel), 12(8), Au-
 gust 2019. CODEN AL-
GOCH. ISSN 1999-4893
www.mdpi.com/1999-4893/
12/8/149.

[Fer92] S. Ferenczi, editor. 1st
Austrian-Hungarian Work-
shop on Transporter Ap-
lications. Proceedings. Hun-
garian Acad.of Sci, Bu-
dapest, Hungary, 1992. ISBN ???? LCCN ????.

[Ferr98a] Adam Ferrari. JPVM:
network parallel comput-


**Ferrari:1998:JNPa**


**Fernando:2004:GGP**


**FerreiradaSilva:2010:PBC**


**Fritzson:1995:PPA**


**Fava:1999:MPI**


**Frugoli:1999:DCH**

G. Frugoli, A. Fava, E. Fava, and G. Conte. Distributed collision handling


Kurt Ferreira, Ryan E. Grant, Michael J. Levenhagen, Scott Levy, and Taylor Groves. Hardware MPI message matching: Insights into MPI matching behav-


REFERENCES

Andre:1998:BVN


Friedley:2013:OPE


Franke:1994:MMP


Franke:1995:AAV


Field:2001:RTF


Franke:1995:MIS

REFERENCES


REFERENCES

Computer Society Press Order Number: RS00126.

**Freeh:2008:JTD**


**Foster:1996:GCM**


**Ferreira:2021:EMR**


**Florez:2005:LMM**


**Fagg:1996:TGR**


**Fagg:1998:MMH**


**Fachada:2017:CCF**

REFERENCES


Ferreira:2018:CMM


Fan:2020:ALC


Feeley:1990:PVM


Furlinger:2009:CAE


Fabero:1996:DLB


Fiala:2012:DCS


REFERENCES


REFERENCES


[Fumero:2017:JTG] Juan Fumero, Michel Steuwer, Lukas Stadler, and Christophe Dubach. Just-in-time GPU compilation for interpreted languages with partial eval-
REFERENCES

Folino:1998:EMC


Folino:1998:PEM


Fernandez:1999:PGP


Fang:2014:API


Feng:2014:MSP


Fernandez:2000:DCE

REFERENCES


REFERENCES

(Please provide the full content of the references page.)
REFERENCES


David L. González-Álvarez, Miguel A. Vega-Rodríguez, and Álvaro Rubio-Largo. A hybrid MPI/OpenMP parallel implementation of
REFERENCES


Robert Gerstenberger, Maciej Besta, and Torsten
REFERENCES


Gerstenberger:2018:EHS


Gabriel:1997:EMU

Edgar Gabriel, Thomas Beisel, and Michael Resch. Erweiterung einer MPI-Umgebung zur Interoperabilität verteilter MPP-Systeme. (German) [Extension of an MPI environment for interoperability with distributed MPI systems]. Studienarbeit ange wandte Informatik RUS 37, Rechenzentrum Universität Stuttgart, Stuttgart, Germany, 1997.

Garain:2015:CCF


Graham:2007:OMH


Grove:2005:CBP

REFERENCES

issn=0920-8542&volume=34&issue=2&spage=201.

Garcia:2012:DLB


Garcia-Salcines:1997:PRR


Garcia:1999:MMI


Garcia-Consuegra:1998:DGR


Gelado:2010:ADS


Gao:2013:GGA

Geist:1993:PTW


Galizia:2015:MCL


Ghose:2017:FOT


Gonzalez-Dominguez:2020:CJA


Gonzalez-Dominguez:2018:MPC


Gonzalez-Dominguez:2022:MDP

Nitin A. Gawande, Jeff A. Daily, Charles Siegel, Nathan R. Tallent, and Abhinav Vishnu.


G. A. Geist. Cluster computing: the wave of the future? In Dongarra and Wasniewski [DW94],
REFERENCES

Geist:1996:APP


Geist:1997:ACP


Geist:1998:HNG


Geist:2000:PMW


Gerbessiotis:2018:SIS


Grabowsky:1998:NMP

Lothar Grabowsky, Thomas Ermer, and Jörg Werner. Nutzung von MPI für parallele FEM-Systeme. (German) [Use of MPI for parallel FEM systems]. Preprint-
REFERENCES

Reihe des Chemnitzer SFB 393 Sonderforschungsbereich Numerische Simulation auf Massiv Parallelen Rechnern 97,08; RA-TR 02-97, Universität Chemnitz-Zwickau, Chemnitz, Germany, 1998. [GFD03]

Gabriel:2003:FTC


Gabriel:2003:EPM


Gabriel:2005:EDC


Gomez-Folgar:2018:MPA

F. Gomez-Folgar, G. Indalecio, N. Seoane, T. F. Pena, and A. J. Garcia-
References


Gueunet:2019:TBA


Gravvanis:2012:SFD


Giordano:1999:IBP


Garzon:1999:PIE


Giannoutakis:2009:DIP


Giannoutakis:2007:MHP

K. M. Giannoutakis, G. A. Gravvanis, B. Clayton, A. Patil, T. Enright, and

Gallud:2001:EDF


Gallud:1999:DPR


Gallud:1999:CCU


Godlevsky:1999:PSA


Geist:1996:MEM


REFERENCES

CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). VEE ’12 conference proceedings.


[GJMM18] Brice Goglin, Emmanuel Jeannot, Farouk Mansouri, and Guillaume Mercier. Hardware topology management in MPI applications through hierarchical com-

Grecki:1997:MPE


Gernaud:2009:FMP


Gillett:1997:UMC


Granat:2010:PSS


Grasso:2013:APS

[GCF] Ivan Grasso, Klaus Kofler,

Gianinazzi:2018:CAP


Granat:2009:NPQ


Gropp:1995:MGX


Guan:1997:PDI


Geist:1996:VDP


Geist:1997:CPF

REFERENCES


Gropp:1995:MMI


Gropp:1995:EIS


Gropp:1996:HPM


Gropp:1997:WPM


Gropp:1997:HPM


Gropp:1997:SMC


Gropp:1999:RMM


Gropp:2002:MG


Gupta:2018:ALQ

Ghazimirsaeed:2020:CAM

Gong:2016:NPG

Goujon:1998:AAT

Guan:1995:SCC

Gu:2007:IPC

GMA20

GM18

GMdMBD+07
REFERENCES

190–195. CODEN PSPDF8.
95TH8052.


[GR97] Lothar Grabowsky. MPI-basierte Koppelrandkommunikation und Einfluss der Partitionierung im 3D-Fall. (German) [MPI-based coupled edge communication and influence of partitioning in 3D-Fall].
Preprint-Reihe des Chemnitzer SFB 393 97,17, Universität Chemnitz-Zwickau, Chemnitz, Germany, 1997.
13 pp.

Gravvanis:2009:OBP

CODEN JOSUED. ISSN 0920-8542 (print), 1573-0484 (electronic). URL
http://link.springer-ny.com/link/service/series/0558/bibs/1908/19080160.htm;

Grengbondai:1994:CPU


Greenfield:1995:OPS

J. Greenfield. An overview of the PVM software system. In IEEE [IEE95d], pages 17–23. ISBN ???? LCCN ????

Gropp:2000:RCD

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL
http://link.springer-ny.com/link/service/series/0558/bibs/2228/22280081.htm;

Gropp:2001:CSA

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL
http://link.springer-ny.com/link/service/series/0558/bibs/2131/21310007.htm;

Gropp:2001:LSM

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL
http://link.springer-ny.com/link/service/series/0558/bibs/2228/22280081.htm;
REFERENCES


REFERENCES


W. Gropp and B. Smith. Scalable, extensible, and portable numerical libraries.
Gold:1996:UAL


Geist:19xx:NBC

G. A. Geist and V. S. Sunderam. Network based concurrent computing on the PVM system. Technical report, Oak Ridge National Laboratory and Emory University, Knoxville, TN, USA and Atlanta, GA, USA, 19xx.

Garg:2002:TOA


Gao:2008:GEI


Gardner:2013:CCE


Gine:2002:ALT

Francisco Giné, Francesc Solsona, Porfidio Hernández, and Emilio Luque. Adjusting the lengths of time slices when scheduling PVM jobs with high memory requirements. Lecture Notes in Computer Science, 2474: 156–??, 2002. CODEN LNCSD9. ISSN 0302-9743
REFERENCES

Gerlach:1997:ECS


Gonzalez:2000:AIT


Germanas:2017:HUP


Gu:2013:PCI

Zheng Gu, Matthew Small, Xin Yuan, Aniruddha Marathe, and David K. Lowenthal. Protocol customization for improving MPI performance on RDMA-enabled clusters. International Jour-
Gong:2021:TDG


Gruber:1994:PJE


Golbiewski:2001:MOS


Gropp:2007:TSM


Gropp:2019:GEI


Gennart:1996:CAG

B. A. Gennart, J. Tarraga Gimenez, and R. D. Hersch. Computer-assisted generation of PVM/C++ pro-


REFERENCES

Han:2011:HHL

Hussain:2011:PIA

Hoeflinger:2001:PSP

Hamza:1995:PII

Haridi:1995:EPP
Hansen:1998:EMP


Hardwick:1994:PVL


Hardwick:1995:PVL


Hassanzadeh:1995:MMG


Hisley:2000:PPE


Hatazaki:1998:RRS

Hachler:1996:IAC


Haechler:1996:IAC


Hausner:1995:EIP


Huang:2006:ECS


Huang:2008:FPM


Hamid:2010:CMB

REFERENCES


[Han:2017:SLS]

[Hunold:2016:RMB]

[Hashmi:2020:FXZ]

[Hurwitz:2005:AMP]

[Huang:2005:TME]

[Hu:2016:CLG]


REFERENCES

269


[Hadi:2013:CFA] Mohammed F. Hadi and

Havran:2015:EBT


Huang:2009:EGO


Hempel:1994:MSM


Hempel:1996:SMM


Holmen:2014:ASI

John K. Holmen and David L. Foster. Accelerating sin...
Hahne:2021:APP


Hermanns:2012:SDM


Haghi:2022:RSH

Pouya Haghi, Anqi Guo, Qingqing Xiong, Chen Yang, Tong Geng, Justin T. Broaddus, Ryan Marshall, Derek Schafer, Anthony Skjellum, and Martin C. Herbordt. Reconfigurable switches for high perfor-

**Hong:1995:PNP**


**HH95**

**Hanson:2014:NCM**


**HH14**

**Huckelheim:2022:SSA**


**HH22**

**Hui:1995:SPS**


**HH95**

**Huang:2018:ACO**


**HH14**

**Horiguchi:1994:ISP**


REFERENCES


[HK94] P. Henriksen and R. Keunings. Parallel computation of the flow of in-
REFERENCES


Hoffmann:1995:CAP


HK95

Hong:2009:AMG


HK09

Hong:2010:IGP


HK10

Hiranandani:1994:CTB


HKMCS94

Hoeflinger:2001:IPV


HKN+01

Hong:2011:ACG

Sungpack Hong, Sang Kyun Kim, Tayo Oguntebi, and Kunle Olukotun. Accelerating CUDA graph algo-


Hung:2016:EBP


Hong:1996:RDM


Hawick:2010:PGC


Hawick:2011:RLS


Huband:2001:DTB


Hilbrich:2009:MCC

REFERENCES

Hajihassani:2019:FAI


Hakula:1994:FEM


Holmes:2019:PPE


Haynes:2014:MOA


Hogg:2013:FDT


Hollerbach:1995:FDA

REFERENCES


IEEE catalog number 95CH35784.


REFERENCES


[HS12] Torsten Hoefer and Timo Schneider. Optimization principles for collective...
neighborhood communications. In Hollingsworth [Hol12], pages 98:1–98:??

Henriksen:2017:FPF

Haeuser:1994:RNS

Halbiniak:2021:EOH

Heimel:2013:HOP

Hormati:2012:SPS

Hu:2001:PCC
REFERENCES

//link.springer-ny.com/ link/service/series/0558/ bibs/2073/20731137.htm;  
http://link.springer- 
ny.com/link/service/series/  
0558/papers/2073/20731137. 
pdf.

Howes:2008:U

www.loc.gov/catdir/toc/ ecip0720/2007023985.html

Ha:2008:NBP

28, December 2008. CODEN CANED2. ISSN 0163-5964 (ACM), 0884-7495 (IEEE).

Hluchy:1999:GWF

L. Hluchy, V. D. Tran, L. Halada, and M. Dobrucky. Ground water flow modelling in PVM. In Dongarra et al. [DLM99], pages 450–460. ISBN 3-540- 
66549-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.58 [Hum95]  
E973 1999.

Huckle:1996:PIS


Humphres:1995:LBE


Husbands:1998:MSD

Parry J. Husbands. MPI-

StarT: Delivering network
performance to numerical applications. In ACM [ACM98b], page ??

Huse:1999:CCD


Huse:2000:MOS


Huse:2001:LST


Hamidouche:2016:CAO


Houzeaux:2011:HMO


**Hoekstra:1995:CPP**


**Hager:2011:IHP**


**Huang:2002:DDD**


**He:2009:AVS**


**Hwang:1997:EMC**


**Hwang:2021:LBI**

REFERENCES


Huang:2013:ACM


Huang:2020:POL


Hellberg:1994:PPP


Hempel:1996:APT


Hempel:1999:AMP


Hou:2008:BBS


Izadpanah:2019:PAP

Ramin Izadpanah, Ben-


IEEE:1994:PIF


IEEE:1994:PSP


IEEE:1994:PTI


IEEE:1994:PSW


IEEE:1995:IIC


IEEE:1995:CPI

IEEE:1995:DPT


IEEE:1995:ISE


IEEE:1995:IPR


IEEE:1995:PEW


[IEE96b] IEEE, editor. *Eighth IEEE Symposium on Parallel and
IEEE:1996:FSS


IEEE:1996:PF1

IEEE:1996:PSI


IEEE:1996:PSM


IEEE:1997:APD


IEEE:1997:PIP


IEEE:1997:TIS


IEEE:2002:STI

IEEE:2005:IPD


Iida:2016:GET


IHM05


Izaguirre:2005:PMS

IHM05

IFIP:1995:KWC


Iwasaki:2004:NPS


Iwasaki:2004:NPS

Izaguirre:2005:PMS

Iskra:2000:PMD

K. A. Iskra, Z. W. Hendrikse, G. D. van Albada, B. J. Overeinder, and P. M. A. Sloot. Performance measurements on Dynamite/DPVM. *Lecture Notes in Computer...
REFERENCES


Ierotheou:2005:GOC


Iwama:2001:PLS


Iwashita:1994:IPE


Ingle:1995:MAS


Islam:2016:EMT

Tanzima Islam, Kathryn Mohror, and Martin Schulz. Exploring the MPI tool information interface: features and capabilities. The
Ishizaka:2000:CGT


Ilie:2016:AEC


Satake:2012:OGA

Shin ichi Satake, Hajime Yoshimori, and Takayuki Suzuki. Optimizations of a GPU accelerated heat conduction equation by a programming of CUDA Fortran from an analysis of a PTX file. Computer Physics...
CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL http://
www.sciencedirect.com/science/article/pii/S0010465512002068

Imamura:2000:ASM

Toshiyuki Imamura, Yuichi Tsujita, Hiroshi Koide, and Hiroshi Takemiya. An ar-
chitecture of Stampi: MPI library on a cluster of parallel computers. Lecture 
Notes in Computer Science, 1908:200–??, 2000. CODEN LNCSD9. ISSN 
0302-9743 (print), 1611-3349 (electronic). URL http://
link.springer-ny.com/link/service/series/0558/bibs/1908/19080200.htm;

Ishihara:1999:VBS

S. Ishihara, S. Tani, and A. Takahara. Virtual BUS: a simple implementation of an effortless networking system based on PVM. In Dongarra et al. [DLM99], pages 461–468. ISBN 3-540-
66549-8 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.58
E973 1999.

Islam:2002:IAC

Mohammad Towhidul Islam, Parimala Thulasiraman, and Ruppa K. Thulasiraman. Im-
plementation of ant colony optimization algorithm for mobile ad hoc network applications: OpenMP ex-
2002. CODEN ????. ISSN 1097-2803.

Iskra:2000:IDE

K. A. Iskra, F. van der Linden, Z. W. Hendrikse, B. J. Overeinder, G. D. van Al-
tronic).

Jatala:2017:SSG

Vishwesh Jatala, Jayvant Anantpur, and Aney Karkare. Scratchpad sharing in GPUs. 
ACM Transactions on Architecture and Code Optimi-

Jabbarzadeh:1997:PSS

A. Jabbarzadeh, J. D. Atkinson, and R. I. Tanner. Parallel simulation of shear 
flow of polymers between structured walls by molecular dynamics simulation on

**Jacoby:1996:ADA**


**Juhasz:1996:PIP**


**Jarzabek:2017:PEU**


**Jin:2008:PEM**


**Jaeger:2015:FGD**


Jin:2000:AGO


Jin:2011:HPC


Jo:2017:PMA


Jin:2003:AMP

Januszewski:2010:ANS


Jeun:2008:OPB


Jan:2017:ITF


Jog:2013:OCT


Jani:2022:HST


Jambunathan:2018:COB

References

Jost:2005:WMP

Jie:2014:ASP

Julian-Moreno:2017:FPA

Jorba:2001:SFF

Jung:2014:MCM
REFERENCES


September 2014. CODEN CANED2. ISSN 0163-5964 (print), 1943-5851 (electronic).

Joubert:1994:PCT

Jost:2010:EUH

Judd:1994:PIV

Jin:2013:PCU
REFERENCES

www.sciencedirect.com/science/article/pii/S0167739X13000290

Jung:2005:DIM

Hyungsoo Jung, Dongin Shin, Hyuck Han, Jai W. Kim, Heon Y. Yeom, and Jongsuk Lee. Design and implementation of multiple fault-tolerant MPI over Myrinet (M^3). In ACM [ACM05], page 32. ISBN 1-59593-061-2. LCCN ????

Jaaskelainen:2015:PPP


Ju:1996:SPT


Jin:1995:LTP


Kumar:1995:MWD


Kepner:2004:M

Kumar:2013:GAI


Krawezik:2002:SOV


Kapinos:2010:PPP


Khan:2017:RCS


Kanal:2012:PAI

REFERENCES


Yacine Kabir and A. Belhadj-Aissa. Distributed image segmentation system by a multi-agents approach (under PVM environment). Lec-


[Ke:2004:RCM] Jian Ke, Martin Burtscher, and Evan Speight. Runtime compression of MPI messages to improve the perfor-

[Klemm:2007:JIO]


[Karamcheti:1994:SOM]


[Krawezik:2006:PCM]


[Knap:2019:PEU]


[Kacsuk:1997:GDD]


[Konuru:1994:ULP]

R. Konuru, J. Casas,
REFERENCES


Konuru:1994:UPP


Krotselidis:2017:HMR


Kanal:2012:MMC


Krotkiewski:2013:ESC


Kang:2018:PRS


Klingebiel:1995:COD


Klingebiel:1995:CPO


Klingebiel:1995:CPO


Kakimoto:2012:PCG


Kepner:2005:PPM


Koitzka:2016:NGA
Kale:1996:PMD


Kappiah:2005:JTD


Kramer-Fuhrmann:1994:TGP


Kowalik:1993:SPC


Kohl:1996:PTF


Kainz:2009:RCM


Keller:2003:TEE


[Kha13] Gaurav Khanna. High-precision numerical simulations on a CUDA GPU:


Kikuchi:1993:PAS


Kranz:1993:IMP


Kwon:2012:HAO


Kim:2016:DOF


Kemelmakher:1998:SAR


Karniadakis:2002:PSC


Kranzlmuller:2005:RAP


Kranzlmuller:2003:RAP


Kee:2003:POP


Kwon:2008:RPP


Kim:2011:ASC


Karami:2015:SPA

REFERENCES

Konstantinou:2001:TTO


Kobler:2001:DOP


Karrels:1994:PAM


Kofakis:1995:DPI


Liao:2011:DEM


Liao:2006:SDI

Wei keng Liao, Kenin Coloma, Alok Choudhary, Lee Ward, Eric Russell, and Neil Pundit. Scalable design and implementations for MPI parallel overlapping I/O. IEEE Transactions on Parallel and Dis-
Liao:2007:CCS

Kang:2020:IMC

Kumar:2019:FOP

Klawonn:2015:HMO

Kutyniok:2016:SFD

**REFERENCES**


**Khanna:2010:NMG**


**Komatitsch:2009:PHO**


**Koholka:1999:MPR**


**Kormicki:1997:PLS**


**Kormicki:1996:PLS**


**Koholka:1999:MPR**
Kumar:2014:OMC


Kobayashi:2016:HSV


Kouzinopoulos:2015:MSM


Kirk:2010:PMP


Kahns:1995:DPD


Katouda:2017:MOH

Kono:2018:EOW


Kasprzyk:2002:APV


Komura:2014:CPG


Kambites:2001:OLI


Kasahara:2001:ACG


Klockner:2012:PPS


Kolesnichenko:2016:CBG


Kuhn:2000:OVT


Kamal:2005:SVT

Humaira Kamal, Brad Penoff, and Alan Wagner. SCTP versus TCP for MPI. In ACM [ACM05], page 30. ISBN 1-59593-061-2. LCCN ????.

Klemm:2021:OAH


Klimach:2009:PCH

Parallel CFD 2007 was held in Antalya, Turkey, from May 21 to 24, 2007.

Kranzlmuller:2002:RAP

[102x681] REFERENCES

[102x681] 326

[177x646] 1439-7358. LCCN ???? URL
http://link.springer.com/content/pdf/10.1007/978-3-540-92744-0_42. Parallel CFD 2007 was held in Antalya, Turkey, from May 21 to 24, 2007.

Kranzlmuller:2002:RAP


Kouetcha:2017:USP


Kunaseth:2013:ASD


Kalentev:2011:CCL


Kranzlmuller:1999:MOM


Kotsis:1996:EEP


**Krantz:1997:CSC**  

**Krawczyk:2001:PIM**  

**Kim:2013:MPE**  

**Kaliman:2015:SNU**  

**Kovanen:2015:TAC**  

**Klinkenberg:2020:CRL**  
Jannis Klinkenberg, Philipp Samfass, Michael Bader, Christian Terboven, and Matthias S. Müller. CHAMELEON: Reactive load balancing for hybrid MPI + OpenMP task-parallel applications.
REFERENCES


Knight:2019:TES


Kegel:2013:DTU


Kusano:2001:OOC


Katkere:1995:VBW


Katkere:1996:VWI


REFERENCES


Kranzlmuller:2001:IRM


Keppens:2002:OPM


Koval:2010:USB


Kang:2019:SAM


Karonis:2003:MGG

Komatitsch:2003:BDF


Keppens:2021:MAP


Kuhn:1998:FFW


Kumar:1994:PPI


Kranzlmueller:1998:DPP


Kolonias:2011:DIE

Krotz-Vogel:1997:PPP


Kamal:2014:IFG


Korch:2020:IIE


Kamburugamuve:2018:AML


Kamal:2010:EIN


Karwande:2003:CMC


Karwande:2005:MPC

Amit Karwande, Xin Yuan, and David K. Lowenthal. An MPI prototype for compiled communication on Ethernet switched clusters. Journal of Parallel and Distributed Computing, 65(10):
REFERENCES

Krantz:1996:RFP

[1123–1133, October 2005. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).

Lopez:2002:ESM


Lopez:2006:ESM


Ladd:2004:GPP


Lobeiras:2016:DEI


Laguna:2015:DPF


Laforenza:2001:PHP

Domenico Laforenza. Programming high performance applications in grid environments. *Lecture Notes*

Loos:1996:MPS


Lavi:1998:IPD


Lashgar:2016:ESM

Loncar:2016:CPS


Losada:2019:LRR


Liu:2021:BMN


Lawton:1996:BHP


Larrea:2020:EPM

REFERENCES

Ling:2012:HPP


Lewis:1993:PCP


Lauria:1997:MFH


Luecke:1997:HPF


Li:2007:DIV


Luecke:2003:MCT

Glenn Luecke, Hua Chen, James Coyle, Jim Hoekstra, Marina Kraeva, and Yan Zou. MPI-CHECK: a tool for checking Fortran 90 MPI programs. *Concurrency and Computation:*
REFERENCES


Li:2022:CDC


Liddell:1996:HPC


Lashuk:2012:MPA


Losada:2017:RMA

Nuria Losada, Iván Cores, María J. Martí, and Patricia González. Resilient MPI applications using an application-level checkpointing framework and ULFM. *The Journal of Supercomputing*, 73(1):100–113, Jan-
Lonsdale:1994:CRP


Lonsdale:1994:CMH


Liu:2003:PCM


Liu:1996:BMP


Liu:2019:MML


Lee:2001:APT

REFERENCES

Lu:1997:QPD


Liu:2013:DLO


Lorenzon:2019:ASO


Lee:2006:PT


Lee:2012:SMO


Levelt:1995:IIS

REFERENCES


Levy:2020:UVA


Loyot:1993:VVM


Lee:1999:PEJ


Liu:2016:MBM


Li:2010:SVC


Lassous:2000:HGA

Isabelle Guérin Lassous, Jens Gustedt, and Michel Morvan. Handling graphs according to a coarse grained approach: Experiments with PVM and MPI. *Lecture Notes in Computer Science*, 1908:72–??, 2000. [LGG16]
Losada:2020:FTM  [LH98]

Lopez-Gomez:2019:ESP  [LHC+07]

Liao:2007:OOP  [LHC+07]

Lee:1996:TSF  [LHC+07]
[Liu:2005:EIO]  

[LHCW05]  


[LHD+94]  

[LHLK10]  


[LHZ97]  

[Lu:1998:ONW]  
Honghui Lu, Y. Charlie Hu, and Willy Zwaenepoel. OpenMP on networks of

Liang:2020:AMD


Li:1996:SIS


Liu:1995:WCD


Livny:2000:MYW


Lastovetsky:2010:RAP


LaSalle:2014:MBD


REFERENCES


[Li:2019:TBH] Bing Li, Mengjie Mao, Xiaoxiao Liu, Tao Liu, Zihao Liu, Wujie Wen, Yiran Chen, and Hai (Helen) Li. Thread batching for high-performance energy-efficient


REFERENCES


REFERENCES


Lastovetsky:2006:HTM

Le:2006:DMC

Lotfi:2015:AAC

Lee:2014:BCA

Laguna:2016:EEU

Lima:2019:PEA
REFERENCES


Han Lin, Zhichao Su, Xiandong Meng, Xu Jin, Zhong Wang, Wenting Han, Hong An, Mengxian Chi, and Zheng Wu. Combining Hadoop with MPI to solve metagenomics problems that are both data-

[Liu:2011:CBA]


[Liu:2008:AMD]


[Lazzarino:2002:PBP]


REFERENCES


[LYIP19] Paulo A. C. Lopes, Satyendra Singh Yadav, Aleksan-

Loncar:2016:OOM


Lu:2013:WGA


Luecke:2002:DDM


Lin:2020:EAM


**Li:2017:PCO**


**Li:2018:COM**


**Lu:2019:PMM**


**Liao:2020:DCS**


**Ma:2009:CRS**

REFERENCES

Mavriplis:2005:HRAa


Miguel:1996:APN


Maffeis:1994:SSD


Moreno:2001:AEP


Mainland:2012:EHM


Molero-Armenta:2014:OOI


Malyshkin:1995:PCT

[Mal95] Victor Malyshkin, editor. Parallel computing technologies: third international con-

Malfetti:2001:AOW


Mirvis:1995:HML


CODEN CPSCDO. ISSN 0273-4508.


Mans:1998:PDP


Manis:2001:PNP

Miguel-Alonso:2009:INS


Marowka:2002:ISI


Marowka:2003:EOT


Marowka:2005:EMT


Marowka:2006:BRP


Marowka:2007:PCD


Marowka:2009:BCT


Mehta:2006:MSG

[MAS06] Paras Mehta, José Nelson Amaral, and Duane Szafron. Is MPI suitable for a generative design-pattern system?

Mattson:1994:PEP


Mattson:1995:PEP


Mattson:2000:BOF


Mattson:2000:IO


Mattson:2001:EO


Matuszek:2001:APS

Mattson:2003:HGO


Matloff:2016:PCD


Mourao:2000:SSC


Marongiu:2012:OCE


Maleki:2018:AHP


Margolin:2021:TBF

REFERENCES

Muller:2012:SOA


Min:2003:OOP


McKenzie:1994:CIM

Malits:2012:ELG


Mehl:2015:RTC


Miles:1994:PTO


Medeiros:1998:IPM


Morrison:1999:FPP


Maier:2017:OLD

Malinowski:2018:SIP


Massaioli:2005:OPA


McDonald:1996:NNP


Mueller:2008:OSM


McKinney:1994:PGU


Moore:2001:RPA

REFERENCES

Moreira:2017:FCR


McRae:1992:VC


Mierendorff:2000:WMB


Marin:2017:ERF


Monteiro:2018:EGC


Muller:2009:EOA

Matthias S. Müller, Bronis R. de Supinski, and Barbara M. Chapman, editors. *Evolving OpenMP in an Age of Extreme Parallelism: 5th International Workshop on OpenMP, IWOMP 2009* Dresden, Germany, June 3–

Matheou:2017:DDC


Megson:1998:CRH


Milovanovic:2008:NEE


Moody:2003:SNB


Martin:1995:DPC

REFERENCES

Mintchev:1997:TPM


Mehta:2015:MTP


Mendonca:2017:DAA


Muralidharan:2015:COP


Medvedev:2005:OMA

REFERENCES

/Montella:2017:VCB


/Mazzariol:1997:PCS


/Markidis:2015:OAN


/Matthey:2001:EMO


/Hwu:2012:GCG


/Moll:2018:PCF

Simon Moll and Sebastian Hack. Partial control-flow linearization. *ACM SIG-
REFERENCES


Muller:2021:MAE


Miller:1994:PPP


Muller:2021:MAE

Muller:1994:PPP

MHC94a


MHC94b


Munshi:2016:OCS


Muller:2021:MAE

Muller:2021:MAE

Muller:2021:MAE

Michielse:1995:PMU


Munshi:2016:OCS

Munshi:2016:OCS

Munshi:2016:OCS

Muddukrishna:2015:LAT

Mittal:2012:CAS


Muddukrishna:2016:GGO


Matyska:1994:DCS


McDonald:1997:IPT


McDonald:2000:TPA


Mohror:2004:PTS


Manwade:2017:DFA

Maheo:2012:AOL


Munch:2021:HDE


Markus:1996:PEM


Meyer:2022:DFA


Min:2001:PCO


Mokbel:2011:ASR

[MKW11] Mohammed F. Mokbel,

[MLC04]


[Mitra:2014:AAP]


[MLAV10]


[Marowka:2004:OOA]


[MLGW18]

Majumdar:1992:PPC


Mantovani:1995:HPS


Michailidis:2001:TSH


Michailidis:2002:PSL


Michailidis:2003:PEL


Marathe:2007:SCC

Jaydeep Marathe and Frank Mueller. Source-code-correlated cache coherence characterization of OpenMP


Vladimir Mironov, Alexander Moskovsky, Michael


REFERENCES


REFERENCES


Mena:2020:GAS


Meyer:2021:IBH


Mo:1996:IOP

J. Mo, F. Romelfanger, R. J. Hanisch, D. Redding, S. Sirlin, and A. Boden. Implementation of an optical prescription retrieval code using PVM (parallel virtual machine) in a mixed architec-

Martins:2012:PDC


Meister:2017:PME


**Mininni:2011:HMO**


**Mazzocca:2000:TPP**


**Morinishi:1995:PIB**


**McMahon:1996:EEE**


**Menden:1996:PPP**


**Marinho:1998:WMP**


**Mierendorf:1999:PMB**

H. Mierendorff and H. Schwamborn. Performance modeling based on PVM. In Dongarra et al. [DLM99], pages 75–82. ISBN 3-540-66549-8
REFERENCES

383


Molnár:2010:APM


Macías:2001:PPA


Martorell:2005:BGP

REFERENCES


[BMJ+06] Bernd Mohr, Jesper Larsson Träff, Joachim Worringer,
References


Müller:2001:SSO


Müller:2002:SMB


Müller:2003:OCB


Malakar:2017:DMO


Mantas:2020:HOC

José M. Mantas and Francesco Vecil. Hybrid OpenMP-CUDA parallel implementation of a deterministic solver for ultrashort DG-MOSFETs. The Interna-
REFERENCES


REFERENCES

Manegold:1997:QBM

Morton:1995:LLP

Maleki:2016:HOT

Mercan:2019:CCH

Ma:2021:CSB

Maly:1993:DCP

Mu:2020:OOB
Jiadong Mu, Wei Zhang, Hao Liang, and Sharad Sinha. Optimizing OpenCL-based CNN design on FPGA with comprehensive design space exploration and collaborative performance modeling. ACM Transactions on Reconfigurable Technol-
Nikolopoulos:2001:SID


Nikolopoulos:2001:EMA


Nagle:2005:BRM


Nicolescu:1999:PWA


Nakajima:2003:PIS

REFERENCES


[NB96] C. Nic Canna and C. J. Bean. Larger grids and shorter wall-clock times on a parallel virtual machine (PVM) — an example using a finite difference wave simulation algorithm. In Abrahart [Abr96], pages 2–?? ISBN ?? LCCN ???


Nguyen:2012:BTM


Nguyen:2017:ATM


Nobari:2012:SPM


Neophytou:1998:NDJ


Neophytou:2001:NDW


Nelson:1993:PPP


Neugebauer:2017:PAR

[NEM17] Olaf Neugebauer, Michael Engel, and Peter Marwedel. A parallelization approach


REFERENCES

Nguyen:2008:GG
Hubert Nguyen, editor. 

Nguyen:1995:SPI

Norden:2002:OVM

Nakano:2002:SCG
Nakano:2003:SCG


Nitsche:2000:TCM


Norden:2007:DDM


Nadeau:1995:SVR


Kengo Nakajima and Hiroshi Okuda. Parallel iterative solvers for unstructured grids using a directive/MPI hybrid programming model


Nikolopoulos:2000:TRD


Nikolopoulos:2000:DDN


Nikolopoulos:2000:LTD


Notz:2012:GBS

Naranjo:2020:ASC

Nagaraj:1991:MHL

Naumenko:2016:ACT

Nadal:2020:NSG

Nascimento:2007:DDS

Nadal-Serrano:2016:PSC
Jose M. Nadal-Serrano and Marisa Lopez-Vallejo. A performance study of CUDA UVM versus manual optimizations in a real-world setup: Application to a Monte Carlo wave-particle event-based interaction model. *IEEE Transactions on Parallel and
REFERENCES


Nukada:2012:SMG


NSS12


Nandivada:2013:TFO


Nogueira:2016:BBW


Norcen:2005:HPJ


Nitsche:1998:FMP

Nguyen:2021:EMA


Ng:2012:STT


Omar:2017:PSF


Oberhuber:1996:MNP


Orr:2015:SUR


Okulicka-Dluzewska:2001:PFE

Felicja Okulicka-Dluzewska. Parallelization of finite element package by MPI library. *Lecture Notes in Computer Science*, 2131:
REFERENCES


Hong Ong and Paul A. Farrell. Performance comparison of LAM/MPI, MPICH, and MVICH on a Linux cluster connected by a Gigabit Ethernet network. In USENIX [USE00], page ??


<references>


</references>
REFERENCES


REFERENCES


ODowd:2006:WGM

[OPJ+19] Olivier:2012:OTS

[OPW+12] Oh:2019:HPT
Oliveira:2012:CCO


Overeinder:1997:BCD


Ostrand:1994:PIS


Obrecht:2015:PEO


Otto:1993:PAC


Otto:1994:PVM


Otto:1992:MAP

S. W. Otto and M. Wolfe. The MetaMP approach to


REFERENCES


[Par93] Parsons:1993:EDC


[Patterson:1993:PPE]


[PBG+95] Pingali:1995:LCP
REFERENCES


[PD98] Agostino Poggi and Giulio Destri. Using PVM to develop a distributed object-

**Plimpton:2011:MML**


**Pawliczek:2014:VED**


**Pennington:1995:DHC**


**Pernice:1996:RPP**


**Pernice:1997:BRM**


**Pereira:1999:PBI**


**Perepu:2021:OIP**

Pavan Kumar Perepu. OpenMP implementation of paral-


Matt Pharr and Randima Fernando, editors. *GPU gems 2: programming techniques for high-performance graphics and general-purpose computation*, volume 2 of *GPU gems*. Addison-Wes-
REFERENCES

Piernas:1997:APM


Prabhu:2018:DRC


Prabhakar:2002:PCB


Papakonstantinou:2013:ECC  Alexendros Papakonstanti-
nou, Karthik Gururaj,
John A. Stratton, Deming
Chen, Jason Cong, and Wen-
Mei W. Hwu. Efficient com-
ilation of CUDA kernels for
high-performance comput-
ing on FPGAs. ACM Trans-
actions on Embedded Com-
puting Systems, 13(2):25:1–
25:??, September 2013. CO-
DEN ???. ISSN 1539-9087
(print), 1558-3465 (elec-
tronic).

Pan:2010:CPS

Heidi Pan, Benjamin Hind-
man, and Krste Asanović.
Composing parallel soft-
ware efficiently with Litho.
ACM SIGPLAN Notices,
CODEN SINODQ, ISSN
0362-1340 (print), 1523-2867
(print), 1558-1160 (elec-
tronic).

Pennycook:2011:PAH

S. J. Pennycook, S. D. Ham-
mond, S. A. Jarvis, and G. R.
Mudalige. Performance anal-
ysis of a hybrid MPI/CUDA imple-
mentation of the NASLU bench-
mark. ACM SIGMETRICS
Performance Evaluation Re-
view, 38(4):23–29, March
2011. CODEN ???. ISSN
0163-5999 (print), 1557-9484
(electronic).

Protze:2022:MDT

Joachim Protze, Marc-
André Hermanns, Matthias S.

Müller, Van Man Nguyen,
Julien Jaeger, Emmanuelle
Saillard, Patrick Carribault,
and Denis Barthou. MPI de-
tach — towards automatic
asynchronous local comple-
tion. Parallel Comput-
ing, 109(??):??, March 2022.
CODEN PACOEJ. ISSN
0167-8191 (print), 1872-7336
(electronic). URL http://
www.sciencedirect.com/
science/article/pii/S0167819121001022

Power:2015:GGH

Jason Power, Joel Hestness,
Marc S. Orr, Mark D. Hill,
and David A. Wood. gem5-
gpu: A heterogeneous CPU–
GPU simulator. IEEE Com-
puter Architecture Letters,
14(1):34–36, January/June
2015. CODEN ???. ISSN
1556-6056 (print), 1556-6064
(electronic).

Pennycook:2013:IPP

S. J. Pennycook, S. D. Ham-
mond, S. A. Wright, J. A.
Herdman, I. Miller, and
S. A. Jarvis. An investiga-
tion of the performance porta-
bility of OpenCL. Journal of
Parallel and Distri-
buted Computing, 73(11):
CODEN JPDCER. ISSN
0743-7315 (print), 1096-0848
(electronic). URL http://
www.sciencedirect.com/
science/article/pii/S0743731512001669


Plank:1995:ADC


Preissl:2010:OCC


Periyathamby:1995:NSG

[PKYW95] U. Periyathamby, B. C. Khoo, K. S. Yeo, and Q. X. Wang. A numerical simula-

tion of the growth and collapse of vapour cavity near a free surface on distributed computing through PVM. In Bilger [Bil95], pages 815–818. ISBN 0-86934-034-4. LCCN ????

Pruyne:1996:ICP


Plachetka:2002:QTS


Park:2004:DID


V. P. Plagianakos, N. K. Nousis, and M. N. Vrahatis. Locating and computing in parallel all the sim-


Papakostas:1996:PSP


Papakostas:1996:PPP


Papakostas:1996:UPI


Pedicini:2007:PPE


Pinho:2018:CTM


Pierce:1994:PIN


Pierce:1994:PSH

REFERENCES


Pozo:1994:FTE


Priimak:2014:FDN


Proficz:2021:AGA


Pino:2021:RTI


Pena:2014:CEC


Prades:2016:CAX

[Javier Prades, Carlos Reaño, and Federico Silla. CUDA acceleration for Xen virtual machines in InfiniBand clusters with rCUDA. ACM SIGPLAN Notices, 51(8):}
REFERENCES

35:1–35:??, August 2016. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


[PS00b] Nirved Pandey and G. K.
REFERENCES


Park:2019:DBO


Prades:2019:GJM


Pehrson:1994:IPP


Petrovic:2020:BSH


Perez:2019:ATO


Peters:2011:FPC


Patrick:2008:CEO


Preissl:2010:TMS


Prieto:1999:PRM


Peng:2014:BAH


Plunkett:2001:AMD


Prost:2001:THP


Peraza:2016:PGQ


Pierro:2018:SFP


Phan-Thien:1994:CDL


Prylli:1999:DHP


Puskas:1995:LBW

Peinado:1997:HPC


Park:2001:PPE


Pahl:1995:CCB


Preissl:2012:CSS


Pang:2016:MKR


Pirkelbauer:2019:BTF

REFERENCES

CODEN ?? ?? ISSN 1544-3566 (print), 1544-3973 (electronic).


REFERENCES

Quoy:2000:PNN


Qaddouri:1995:MFS


Qaddouri:1996:CPC


Qu:1995:FAS


Quinn:2003:PPC


Russell:1992:CMW

References


Jarno Rantakokko. A dynamic MPI-OpenMP model for structured adaptive mesh


F. Reale, F. Bocchino, and S. Sciortino. Parallel computing on Unix workstation


[Ree96] A. Reeves, editor. Proceedings of the 1996 International Conference on Challenges for Parallel Process-
REFERENCES

[434]

Reinefeld:2001:CDI


[Reu01]


[Reu03]


[RFH96]


[RFH+95]


[RF+00]


[RFH+96]


Roy:2000:MGQ

[RFH+95]


[RFH+96]


Reyners:1995:OOO


Reussner:2001:SSK

Rasch:2018:MDH

Rucci:2018:OOS

Rodrigues:2013:MAA

Rico-Gallego:2015:ILM

Rico-Gallego:2016:EIL
REFERENCES


Christopher Rodrigues, Thomas Jablin, Abdul Dakkak, and Wen-Mei Hwu. Triolet: a programming system that unifies algorithmic skeleton interfaces for high-performance cluster comput-


Rolf Rabenseifner and Alice E. Koniges. Effective communication and file-I/O bandwidth benchmarks. *Lecture Notes in Computer*
Ragan-Kelley:2013:HLC


Reyes:2013:PEO


Rungsawang:2001:LCP


Rubio-Largo:2012:UMO


Roe:1999:PMI

REFERENCES

439


Rietmann:2012:FAS


Ramesh:2018:MPE


Rodrigues:2013:POM


Rohrl:2000:PPS


Rolfe:1994:PAP


Rolfe:2008:PFO

Rolfe:2008:SMA


Rosen:2013:PVA


Roth:2019:AOC


Ramon:1995:PKV


Rodriguez:2008:FTS


Reano:2019:APP

Rabaea:2000:EPM


Rageb:2001:CEM


Rauber:2002:LSH


Roda:1997:PPI


Roig:2001:EMM


Robinson:1996:TMI


Russ:1999:UHR

[RRG+99] Samuel H. Russ, Jonathan Robinson, Matt Gleeson,
REFERENCES


Carlos Reaño and Federico Silla. Redesigning the rCUDA communication

**Raskovalov:2022:AMD**

**Rambu:1995:DSS**

**Reano:2015:IUE**

**Ruhela:2019:EDM**

**Reussner:1998:SDA**

**Reussner:2002:SCB**
Ralf Reussner, Peter Sanders, and Jesper Larsson Träff. SKaMPI: a comprehensive benchmark for public benchmarking of MPI. *Science...*
Rozman:2006:CPL


Roberti:2005:PIL


Reussner:2000:BMD


Rungsawang:1999:PDT


Rundo:2021:CPM

REFERENCES


REFERENCES


Saphir:1997:SMI


Soldado:2016:ECM


Sahimi:2001:AAS

Mohd Salleh Sahimi, Norma Alias, and Elankovan Sundararajan. The AGEB algorithm for solving the heat equation in three space dimensions and its parallelization using PVM. Lecture Notes in Computer Science, 2073:918–??, 2001. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http:
REFERENCES

//link.springer-ny.com/
link/service/series/0558/1
bibs/2073/20730918.htm;
http://link.springer-
ny.com/link/service/series/1
0558/papers/2073/20730918.
pdf.

Schuster:1995:CSM

G. Schuster and F. Breit-
enecker. Coupling simula-
tors with the model intercon-
nection concept and PVM.
In Breitenecker and Husins-
ky [BH95], pages 321–326.
ISBN 0-444-82241-0. LCCN

Smith:2001:DMM

Lorna Smith and Mark
Bull. Development of mixed
mode MPI/OpenMP applica-
tions. Scientific Program-
ing, 9(2–3):83–98, Spring–
Summer 2001. CODEN
SCIPEV. ISSN 1058-9244
(print), 1875-919X (elec-
tronic). URL http://
iospress.metapress.com/
app/home/contribution.
asp%3Fwasp=7pab6ggbaf8vzg991rwy%26referrer=parent%26backto=
issue%26C3%2C1%38journal%2C1%2C9%3Blinkingpublicationsresults%2C1.

Spiliotis:2020:PII

Iraklis M. Spiliotis, Michael P.
Bekakos, and Yiannis S.
Boutalis. Parallel implemen-
tation of the Image Block Representation
using OpenMP. Journal of Parallel and Dis-
tributed Computing, 137
(?):134–147, March 2020.
CODEN JPDCER. ISSN
0743-7315 (print), 1096-0848
(electronic). URL http://
www.sciencedirect.com/
science/article/pii/S0743731519307622

Seyfarth:1994:GEE

B. R. Seyfarth, J. L. Bick-
ham, and M. R. Fernan-
dez. Glenda: an environ-
ment for easy parallel pro-
gramming. In Pierce and
Regnier [PR94b], pages 637–
641. ISBN 0-8186-5680-
8, 0-8186-5681-6. LCCN
QA76.58.S32 1994. IEEE
catalog no. 94TH0637-9.

Schulz:2004:IES

Martin Schulz, Greg Bron-
evetsky, Rohit Fernan-
des, Daniel Marques, Kes-
hav Pingali, and Paul
Stodghill. Implementation
and evaluation of a scalable
application-level check-
point-recovery scheme for
MPI programs. In ACM
[ACM04], page 38. ISBN 0-
7695-2153-3. LCCN ????

Selikhov:2002:MCC

Anton Selikhov, George
Bosilca, Cécile Germain,
Gilles Fedak, and Franck
Cappello. MPICH-CM: a
communication library de-
sign for a P2P MPI imple-
mentation. Lecture Notes
in Computer Science, 2474:
323–??, 2002. CODEN
REFERENCES


Schindewolf;2012:WSA


Skjellum;2020:FSI


Sojoodi;2021:IGG


Sani;2014:PDF


Smith;1995:CRC


Smith;2004:SIP

Kevin B. Smith, Aart J. C. Bik, and Xinmin Tian. Support for the Intel(R) Pentium(R) 4 processor with hyper-threading technology in Intel(R) 8.0 compilers. Intel Technology Journal, 8(1):19–31, February 2004. ISSN
REFERENCES

Saltz:1991:MRT

Stubbs:1995:ICE

Smith:1996:UWC

Steed:1996:PPP

Sievert:2004:SMP

Shterenlikht:2019:MVF

Saillard:2014:PCS


Saltz:1991:MRT


Stubbs:1995:ICE


Smith:1996:UWC


Steed:1996:PPP


Sievert:2004:SMP

Shterenlikht:2019:MVF

Saillard:2014:PCS


[Sch96b] J. Schuele. Parallel Lanczos algorithm on a CRAY-

Schuele:1999:HAP


Schevtschenko:2001:PAS


Searles:2019:MOA

[SCJH19] Robert Searles, Sunita Chandrasekaran, Wayne Joubert, and Oscar Hernandez. MPI + OpenACC: Accelerating radiation transport mini-application, min-

Song:1997:ALL

[SCJH19] Robert Searles, Sunita Chandrasekaran, Wayne Joubert, and Oscar Hernandez. MPI + OpenACC: Accelerating radiation transport mini-application, mini-

Suppi:2000:IO

[SCJH19] Robert Searles, Sunita Chandrasekaran, Wayne Joubert, and Oscar Hernandez. MPI + OpenACC: Accelerating radiation transport mini-application, min-

Suppi:2001:PCS

[SCJH19] Robert Searles, Sunita Chandrasekaran, Wayne Joubert, and Oscar Hernandez. MPI + OpenACC: Accelerating radiation transport mini-application, min-
REFERENCES

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).
URL http://link.springer-ny.com/link/service/series/0558/bibs/2131/21310327.htm;

Santos:1997:ECP

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

SCRI:1992:PWC


Shi:2012:VGA


Szeberenyi:1999:SGB


SM-D:2013:BRC


Sorensen:2016:EER

REFERENCES

Skjellum:1994:WLM


Sorensen:2016:PIW


Schmitt:2017:SCP


Sandes:2010:CUG


Sistare:1999:MSP

[SDN99] Steve Sistare, Erica Dorenkamp, and Nick Nevin. MPI support in the Prism programming environment. In ACM [ACM99], page ??

Schwarzrock:2021:RN1


Sampaio:2013:DA

ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).

Skjellum:1995:EMP

Sack:2002:FMB

Spencer:2015:DLN

Schenck:2016:EPM

Segovia:2010:PPN

Seifert:1999:ESI
REFERENCES


REFERENCES


Shen:2013:ACE

Selikhov:2005:CMB

Sharma:2012:SRP

Steuwer:2014:SHL

Sack:2015:CAM

Sunderam:1994:PCC
Schneider:2012:MAC


Solsona:2001:IEI


Saito:2003:LSP


Solsona:2000:MCM


Sun:2020:RTS

J. Sun, N. Guan, F. Li, H. Gao, C. Shi, and W. Yi. Real-time scheduling and analysis of OpenMP DAG

**Sekharan:1995:LBM**


**Stone:2010:OPP**


**Sun:2021:ACW**


**Scherer:2000:APO**


**Schmidt:1994:IAP**


**Sitsky:1996:MLW**

D. Sitsky and E. Hayashi. An MPI library which uses polling, interrupts and remote copying for the Fujitsu AP1000+. In Li et al. [LHHM96], pages 43–


REFERENCES

1058-9244 (print), 1875-919X (electronic). URL http://iospress.metapress.com/app/home/contribution.asp?ref=7pab6qgabf8v91rwy26referrer=parent%26backto=issue%2c2c11%3Bjournal%2c2c1%3Blinkingpublicationresults2c1%2c2c1.


Sato:2001:OGR

Mitsuhisa Sato, Motonari Hirano, Yoshio Tanaka, and Satoshi Sekiguchi. Om- 
niRPC: a Grid RPC facility for cluster and global com-
puting in OpenMP. Lecture Notes in Computer Sci-
ence, 2104:130–??, 2001. CODEN LNCS09. ISSN
0302-9743 (print), 1611-3349 (electronic). URL http:
//link.springer-ny.com/link/service/series/0558/bibs/2104/21040130.htm;

Simmendinger:2019:ISG

Christian Simmendinger, Roman Iakymchuk, Luis Ce-
bamanos, Dana Akhmetova, Valeria Bartsch, Tiberiu Rotaru, Mirko Rahn, Er-
win Laure, and Stefano Markidis. Interoperability strategies for GASPI and
MPI in large-scale scientific applications. The International Journal of High Per-
1, 2019. CODEN IH-
PCFL. ISSN 1094-3420 (print), 1741-2846 (elec-
tronic). URL https:/

Siegel:1992:FFS

H. J. Siegel, editor. Frontiers '92, the Fourth Symposium on the Frontiers of Massive Parallel Computation, October
Street, Suite 300, Silver Spring, MD 20910, USA, 1992. ISBN 0-8186-2772-
7. LCCN QA76.58.S95 1992. IEEE catalog no. 92CH3185-
6.

Siegel:1992:FSF

Street, Suite 300, Silver Spring, MD 20910, USA, 1992.
catalog number 92CH3185-6.

Siegal:1994:PEI

Howard Jay Siegal, editor. Proceedings / Eighth International Parallel Processing Symposium, April 26–
29, 1994, Cancun, Mexico. IEEE Computer Society Press, 1109 Spring Street,
Suite 300, Silver Spring, MD 20910, USA, 1994.
REFERENCES

Silvester:1996:SEE

Sincovec:1993:SCP

Silla:2017:BRG

Sharma:2017:PDR

Sistare:2002:UHP

Szo:2017:PET
Szoke:2017:PET


Samadi:2014:PPB


Shen:1992:VTD


Smith:2000:DPM


Sanders:2010:CEI


Steinberger:2014:WTB


Skjellum:2004:RTM

[SKD+04] Anthony Skjellum, Arkady Kanevsky, Yoginder S. Dan-
REFERENCES


[SKS01] Skjellum:1993:SLH


[Satoh:2001:COT]

Sall:1994:CIS

Scales:1994:DES

Swanson:1995:PAP

Shyu:2000:APV

Skjellum:1995:EAM

Scherer:1999:TAP
Samadi:2014:SPS


Su:2012:CPB


Sloan:2005:HPL


Squyres:1996:CBP


Shires:2002:EHM


Shires:2003:OPF

REFERENCES


[Smi93a] K. A. Smith. Multi-processor based accident


REFERENCES

3108. URL http://www3.interscience.wiley.com/cgi-bin/abstract/76000189/

Su:2006:APP


Sitsky:1996:IMU


Sunderam:2001:CAP


Snir:2018:FMT


Suciu:2010:PIN

Shekofteh:2019:MSG


Snir:1996:MCR


Snir:1998:MCR


Sintorn:2011:EAF


SousaPinto:2001:PEI

St-Onge:2019:ESS


Sidonio:1999:PBI


Stpiczynski:2011:SKB


Singh:2017:EER


Silla:2020:IPP


Satofuka:1995:PCF

N. Satofuka, Jacques Periaux, and Akin Ecer, ed-


[A] Speck:2019:APP


[Sener:1996:DPP]


[Subramoni:2012:DSI]
REFERENCES


Silva:1999:DPP


Schmidl:2012:PAT


Saldana:2010:MPM


Symeonidou:2014:DRB


Squyres:2003:CAL


Sivaraman:1995:PSP

H. Sivaraman and C. S. Raghavendra. Parallelizing sequential programs to a cluster of workstations. In Agrawal [Agr95a], pages 38–

**Sivaraman:1996:AAD**


Five volumes.

**Simitci:1998:CLP**


**Szalay:2011:FCD**


**Speck:2012:MST**


**Sultana:2019:FRB**


**Schmidt:1994:EAO**


**Szymanski:1996:LCR**

REFERENCES


Satarić:2016:HOM


Sotomayor:2017:ACG


Spiliotis:2021:PCD


Silva:1996:IDS


Silva:1997:IPD


Silva:1995:PCR


Schmitt:2018:RHG

Shi:2010:PAE

Stone:1994:PSO
REFERENCES

Schuchart:2021:CBC


Shelton:1994:FPS


Sen:1999:PBD


Santana:1996:PVM


Souza:1997:EPH


Stellner:1997:LBB


Smyk:2002:AMM

Adam Smyk and Marek Tudruj. Application of

**Smyk:2002:OMP**


**ST02b**

**Steele:2017:UBP**


**ST17**

**Salinas:2020:FEI**


**STA20**

**Stephens:1994:PBT**

R. Stephens. Parallel benchmarks on the Transtech
Paramid supercomputer. In de Gloria et al. [dGJM94], pages 136–146. ISBN ???? LCCN ????


[Str94] Dale C. Strok. In the news: Jupiter impacts: Resolution makes a big difference. supercomputer farming down under. HPF Forum welcomes comments. Smithsonian Awards honor computational scientists. low-life computer viruses. PVM developers get R&D-100 award. the eyes have it. neural nets detect breast cancer. better cars through cooperation. parallel version of global climate model. Lockheed to run Idaho National

**Strietzel:1996:PTS**


**Strietzel:1997:PTS**


**Strzodka:2012:DLO**


**Soch:1996:PCG**


**Soch:1997:PGP**


**Shen:1999:ATL**


**Stone:1996:RNF**


**Sumimoto:2012:MCL**

Shinji Sumimoto. The MPI Communication Library for the K computer: Its design
REFERENCES


Sunderam:1990:PFPa

V. S. Sunderam. PVM: a framework for parallel distributed computing. Technical Report ORNL/TM-11375, Dept. of Math and Computer Science, Emory University, Atlanta, GA, USA, February 1990. See also [Sun90b].

Sunderam:1990:PFPb


Sunderam:1992:CCP


Sunderam:1993:PCC

V. Sunderam. The PVM concurrent computing system. In Anonymous [Ano93h], pages 20–84. ISBN ???. LCCN ???.

Sunderam:1994:GPP

V. Sunderam. General purpose parallel computing with PVM. In Anonymous [Ano94f], pages 185–198. ISBN ???. LCCN ???.

Sunderam:1994:MSH


Sunderam:1995:RIH

V. Sunderam. Recent initiatives in heterogeneous parallel computing. In Gray and Naghdy [GN95], pages 1–16. ISBN ???. LCCN ???.

Sunderam:1996:PSS


Suresh:1995:IOP

H. Suresh. Implementation of an optimal par-

[Suresh:1995:PIQ]

[Sut96]

[SvL99]
Steve Sistare, Rolf van de Vaart, and Eugene Loh. Optimization of MPI collectives on clusters of large-scale SMPs. In ACM [ACM99], page ??

[SvL99]
Steve Sistare, Rolf van de Vaart, and Eugene Loh. Optimization of MPI collectives on clusters of large-scale SMPs. In ACM [ACM99], page ??

[SVC+11]

[SvL99]
Steve Sistare, Rolf van de Vaart, and Eugene Loh. Optimization of MPI collectives on clusters of large-scale SMPs. In ACM [ACM99], page ??
REFERENCES


Shan:2012:PEH

Shee:1994:DMA

Sotiriou-Xanthopoulos:2018:OBV

Stathopoulos:1995:DLB

Sydow:1994:PSA

Stathopoulos:1996:PIM
REFERENCES

Song:2019:PGA


Schneider:2009:CPM


Stankovic:1999:NVJ


Siegel:2011:AFV


Simunovic:1995:MIP


Simunovic:1995:MIP


Thompson:2014:CIC


REFERENCES

3349 (electronic). LCCN ???? URL http://www.springerlink.com/content/978-3-642-33518-1.

Tian:2002:IOC

Tahan:2012:ITC

Thomas:1994:PSA

Tzannes:2010:LBS

Tagliavini:2018:UFG

Thompson:2015:PCI
Tourino:1998:PBL


Tourino:1999:MMC


Thiruvathukal:2000:JNW


Tromeur-Dervout:2011:PCF


Totoni:2013:EFE

REFERENCES


Tuncer:2009:PCF


Tian:2019:GAB


Thakur:2002:ONA


Tsiolakis:2020:NPG

Vasileios Tsiolakis, Matteo Giacomini, Ruben Sevilla, Carsten Othmer, and Antonio Huerta. Nonintrusive proper generalised decomposition for parametrised incompressible flow problems in OpenFOAM. *Computer Physics Communications*, 249(??):Article 107013, April
REFERENCES


Thakur:2005:OSO


Traff:2010:SCM


Traff:2020:SIS


Tian:2005:CEN

Xinmin Tian, Jay P. Hoeflinger, Grant Haab, Yen-Kuang Chen, Milind Girkar, and Sanjiv Shah. A compiler for exploiting nested parallelism in OpenMP pro-

Thakur:1998:CUM


Teijeiro:2019:OPS


**Trefftz:1994:DPE**


**Traf:2021:MCC**


**Tran:2000:PPM**


**Thomsen:1994:RTS**


**Throop:1999:SOS**


**Traeff:1999:FFE**

J. L. Traeff, R. Hempel, H. Ritzdoﬁf, and F. Zimmermann. Flattening on the ﬂy: Efﬁcient handling

**Takizawa:2015:ODT**


**Tabakin:2009:QPE**


**Thoman:2012:AOL**


**Tennyson:2015:MOI**

P. Gerald Tennyson, G. M. Karthik, and G. Phanikumar.


E. Tiotto, B. Mahjour, W. Tsang, X. Xue, T. Islam, and W. Chen. OpenMP 4.5 compiler optimization for GPU offloading. *IBM Jour-
REFERENCES

inal of Research and Development, 64(3/4):14:1–14:11,
May/July 2020. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

[Theodoropoulos:1996:ESP]
synchronization PVM mechanisms. In Bode et al. [BDLS96], pages 315–??
ISBN 3-540-61779-5. ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN
QA76.58.E975 1996.

[Taylor:2017:A00]
OpenCL programs on embedded heterogeneous systems. ACM SIGPLAN
Notices, 52(4):11–20, May 2017. CODEN SINODQ. ISSN 0362-1340 (print),
1523-2867 (print), 1558-1160 (electronic).

[Takahashi:1999:IEM]
T. Takahashi, F. O’Carroll, H. Tezuka, and A. Hori. Implementation and evaluation
of MPI on an SMP cluster. Lecture Notes in Computer Science, 1586:1178–??,
1999. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

[Toussaint:1996:AES]
Marcel Toussaint, editor. Ada in Europe: Second International Eurospace-Ada-
Europe Symposium, Frankfurt/Main, Germany, October 2–6, 1995: proceedings,
number 1031 in Lecture Notes in Computer Science. Springer-Verlag,
Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996.
ISBN 3-540-60757-9. ISSN
1532-0626 (print), 1532-0634 (electronic).

Fred Thomas Tracy, Thomas C. Oppe, and Maureen K. Corcoran. A comparison of
MPI and co-array FORTRAN for large finite element variably saturated flow
www.scpe.org/index.php/
scpe/article/view/1468.

T. Takafuji, Koji Nakano, Yasuaki Ito, and Jacir Bordim. C2CU: a
CUDA-C program generator for bulk execution of a
sequential algorithm. Concurrency and Computation:
Practice and Experience, 29 (17), September 10, 2017.
CODEN CCPEBO. ISSN
1532-0626 (print), 1532-0634 (electronic).

Fred Thomas Tracy, Thomas C. Oppe, and Maureen K. Corcoran. A comparison of
MPI and co-array FORTRAN for large finite element variably saturated flow
www.scpe.org/index.php/
scpe/article/view/1468.

Marcel Toussaint, editor. Ada in Europe: Second International Eurospace-Ada-
Europe Symposium, Frankfurt/Main, Germany, October 2–6, 1995: proceedings,
number 1031 in Lecture Notes in Computer Science. Springer-Verlag,
Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996.
ISBN 3-540-60757-9. ISSN
REFERENCES


Tourancheau:2000:HSN

Thebault:2015:SEI

Tang:2019:QDL

Turchetto:2020:GDS

Tinetti:2001:HNW
Fernando Tinetti, Antonio Quijano, Armando De Giusti, and Emilio Luque. Heterogeneous networks of workstations and the parallel matrix multiplication.
REFERENCES


References


Terboven:2012:AOT


Teixido:2014:MBI


Tanaka:2021:NRP


Ten:1995:TPE


Topol:1998:PTV

Brad Topol, John T. Stasko, and Vaidy Sunderam. PVaniM.
REFERENCES


**Tatebe:2000:IOO**


**Tavora:2000:DCM**


**Tsunekawa:1995:EIE**


**Tsujita:2007:RMP**


**Tsutsui:2012:AMG**


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title and Authors</th>
</tr>
</thead>
</table>
REFERENCES


[Uhl94] A. Uhl. Parallel compact coding of satellite images with wavelet packets using PVM. In Kumar [Kum94], pages 382–387. ISBN 0-07-
REFERENCES


[Uhl:1995:AWA]

[Uhl:1995:PCC]

[Uhl:1995:VPW]

[Uminski:1997:EEP]

[UUSENIX:1994:PFU]


USENIX:1994:PFU
REFERENCES


REFERENCES


REFERENCES

ITDSEO. ISSN 1045-9219 (print), 1558-2183 (electronic).


[VGS14] Vikas, Nasser Giacaman,
and Oliver Sinnen. Multipro-
processing with GUI-awareness
using OpenMP-like direc-
tives in Java. *Parallel Com-
puting*, 40(2):69–89, Febru-
ary 2014. CODEN PA-
COEJ. ISSN 0167-8191
(print), 1872-7336 (elec-
tronic). URL http://
www.sciencedirect.com/
science/article/pii/S0167819113001439

vonHanxleden:1994:VDF

R. von Hanxleden, K. Kennedy,
and J. Soltz. Value-
based distributions in For-
tran D. In Gentzsch
and Harms [GH94], pages
434–440. ISBN 0-387-
57981-8 (New York), 3-540-
57981-8 (Berlin). LCCN
QA76.88.I57 1994. DM96.00.
Two volumes.

Viswanathan:1995:PCM

Kishore Viswanathan. A
parallel client-server model
for distributed computing.
M.s. thesis, Department
of Computer Science, Mis-
sissippi State University,
Starkville, MS, USA, 1995.
vii + 79 pp.

Valero-Lara:2020:SFA

Pedro Valero-Lara, Sandra
Catalán, Xavier Martorell,
Tetsuzo Usui, and Jesús
Labarta. sLASs: a fully
automatic auto-tuned lin-
ear algebra library based on
OpenMP extensions imple-
mented in OmpSs (LASs li-
brary). *Journal of Parallel
and Distributed Computing*,
CODEN JPDCER. ISSN
0743-7315 (print), 1096-0848
(electronic). URL http://
www.sciencedirect.com/
science/article/pii/S0743731519303417

Valero-Lara:2018:CCC

Pedro Valero-Lara, Ivan
Martínez-Pérez, Raül Sir-
vent, Xavier Martorell, and
Antonio J. Peña. cuThomas-
Batch and cuThomasV-
Batch, CUDA routines to
compute batch of tridiag-
onal systems on NVIDIA
GPUs. *Concurrency and
Computation: Practice and
Experience*, 30(24):e4909:1–
e4909:??, December 25,
2018. CODEN CCPEBO.
ISSN 1532-0626 (print),
1532-0634 (electronic).

Valencia:2008:PPR

David Valencia, Alexey Las-
tovetskyy, Maureen O’Flynn,
Antonio Plaza, and Javier
Plaza. Parallel processing of
remotely sensed hyperspectral images on hetero-
genous networks of work-
stations using HeteroMPI.
The *International Journal
of High Performance Com-
puting Applications*, 22(4):
CODEN IHPCFL. ISSN
1094-3420 (print), 1741-
2846 (electronic). URL
http://hpc.sagepub.com/

VLO+08

Pedro Valero-Lara, Ivan
Martínez-Pérez, Raül Sir-
vent, Xavier Martorell, and
Antonio J. Peña. cuThomas-
Batch and cuThomasV-
Batch, CUDA routines to
compute batch of tridiag-
onal systems on NVIDIA
GPUs. *Concurrency and
Computation: Practice and
Experience*, 30(24):e4909:1–
e4909:??, December 25,
2018. CODEN CCPEBO.
ISSN 1532-0626 (print),
1532-0634 (electronic).

Valencia:2008:PPR

David Valencia, Alexey Las-
tovetskyy, Maureen O’Flynn,
Antonio Plaza, and Javier
Plaza. Parallel processing of
remotely sensed hyperspectral images on hetero-
genous networks of work-
stations using HeteroMPI.
The *International Journal
of High Performance Com-
puting Applications*, 22(4):
CODEN IHPCFL. ISSN
1094-3420 (print), 1741-
2846 (electronic). URL
http://hpc.sagepub.com/
Valero-Lara:2019:MTS


Varadarajan:1994:FDT


Vincent:1995:HPP


Vogel:2013:BWC


Volkert:1993:PCS


Voss:2003:OSM

REFERENCES


[VS00] Brian Van Voorst and Steven


[Vaughan:1994:MPM]


[Vaidya:2013:SDO]


[Vlassov:1997:SSM]


[Vu:2019:FMT]


[Vandoni:1995:CSC]

REFERENCES

515

9083-069-7. CERN report 95-01.

Vo:2009:FVP


Verkerk:1992:PIC


Vetter:2002:EPE


Verschelde:2015:PHC


Vasilache:2019:NAL


Wong:1999:BMM


Walker:1994:DSM

[Wal94a] David W. Walker. The design of a standard mes-


Walker:2001:SEC


Wallcraft:2002:CCA


Wang:1997:TPD


Wang:2002:OPG


Wasniowski:1995:NAP


White:1995:PNP


Wasniewski:1996:APC

Jerzy Wasniewski, editor. Applied parallel computing:

Wolf:1996:CFS

Wickerson:2015:RSP

Walters:2009:RBF

Wang:2015:AST

Wolf:1997:CMP

Wolf:1997:MPM

Wickerson:2017:ACM

Walters:2009:RBF

Wang:2015:AST

Wang:2007:EAP
Perry H. Wang, Jamison D. Collins, Gautham N.


White:1994:VVC


White:2004:CMM


Waidyasooriya:2019:OBD


Wilkinson:1993:IFT


Wilhelms:1994:DAL


Wismuller:1996:SBV


Wismuller:1996:SBV

R. Wismuller. State based visualization of PVM applications. In Bode et al. [BDLS96]. ISBN 3-540-61779-5. ISSN 0302-9743
Wismueller:1997:DMP


Wismueller:1998:LMS


Wismueller:2001:UMT


Witchel:2016:PPW


Wei:2012:OLL


Wang:2019:MEM


Wu:2014:OFB

Wang:2021:PBS


Wegiel:2008:MCVc


White:2020:OPP


Wittenbrink:2011:FGG


T. Wagner, C. Kuebbeck, and C. Schittko. Genetic selection and generation of textural features
REFERENCES

with PVM. In Bode et al. [BDLS96], pages 305–?? ISBN 3-540-61779-5. ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.58.E975 1996.

[Lehman:1994:IZP]
Lehman:1994:IZP


[Wismueller:1996:TSI]
Wismueller:1996:TSI


[Wismueller:1996:TSI]
Wismueller:1996:TSI


[Wu:2007:IFR]
Wu:2007:IFR


[Wolfe:2018:ODM]
Wolfe:2018:ODM


[WNL03]
WNL03


[Weatherly:2006:DMS]
Weatherly:2006:DMS

[WLNL06] D. Brent Weatherly, David K.
REFERENCES


Willcock:2005:UMC


Wu:2012:UHM


Weng:2020:CMS


Wolf:2001:APA


Wolfe:2018:MLS

Noah Wolfe, Misbah Mubarak, Christopher D. Carothers, Robert B. Ross, and Philip H. Carns. Modeling large-scale slim fly networks using parallel discrete-event simulation. *ACM Transactions on Modeling and
Wende:2019:OVT


Wu:2014:MAG


Winkler:2017:GSM


Wendykier:2010:PCH


Walker:1995:RBD


Walker:1996:RBC

REFERENCES

interScience.wiley.com/cgi-bin/abstract?ID=23305


Wang:2020:EPE


Wu:2001:PCS


Worsch:2002:BCM


Winkler:2019:GSM


Wang:2016:LLA


Wisniewski:1999:SME

Len Wisniewski, Brad Smisloff, and Nils Nieuwejaar. Sun MPI I/O: Efficient I/O for parallel applications. In ACM [ACM99], page ??.
West:1995:AVV


Wu:2011:PCH


Wu:2012:PCH


Wu:2013:PMH


Wang:2014:IPD


Worringen:2003:FPN

Wang:2019:FBA


Waidyasooriya:2017:OBF


Wu:1999:MCC


Wong:2011:EMS


Wilson:1996:SMS


Wang:2021:PBD

Shao-Chung Wang, Lin-Ya Yu, Li-An Her, Yuan-Shin Hwang, and Jenq-Kuen Lee. Pointer-based divergence analysis for OpenCL


Wang:2008:PIM


Xu:1995:IPP


Xu:1996:MCO


Xue:2009:MSR


Xue:2021:IFG


Xue:2021:MGP


Xiong:1996:BID

Jianxin Xiong, Dingxing Wang, Weimin Zheng, and Meiming Shen. BUSTER: an integrated debugger


[YBZL03] Lexing Ying, George Biros, Denis Zorin, and Harper Ying:2003:NPK


Yalamanchilli:1998:CPJ


Yviquel:2018:CPU


Yang:2014:HPD


Yu:2013:AGA


Yoon:1996:WBP

Yang:2014:IMP


Yetongnon:1996:PII


Yero:2001:JOO


Yang:2011:HCO


Yuasa:1996:RPG


YarKhan:2017:PPN

Asim YarKhan, Jakub Kurzak, Piotr Luszczek, and Jack Dongarra. Porting the PLASMA numerical library to the OpenMP standard. International Jour-


Erdal Yilmaz, Eray Molla, Cansin Yildiz, and Veysi Isler. Realistic modeling of spectator behavior for soccer videogames...

Yang:2021:SSG


Yi:1994:PID


REFERENCES


Yang:2011:PBP


Younge:2015:SHP


Yonezawa:1995:IED


You:2015:VFO


Yong:1995:SOM


Yu:2012:SCC

Yang:2014:CNR


You:1995:PIM


Zounmevo:2014:FRC


Zaza:2016:CBP


Zahavi:2012:FTR


Zhong:2007:PPS


Zhang:2001:PPV


Zhang:2004:PMV


Zelek:1995:DPP


Zemla:1994:WTC


Zhou:1995:FMP


Zhou:1995:RMR


Zhou:1996:FMP

Zhou:1998:LST


Zielinski:1994:PPS


Zu:1994:OSM


Zhao:2022:SGM


Zhou:2020:CHM


Zheng:2006:PEA

Zhou:2021:HPG


Zoraja:1999:SPD


Zhang:2018:IRP


Zarebavani:2020:CCB


Zounmevo:2014:ESC


Zaky:1996:PDT

Amr Zaky and Ted Lewis, editors. Program development tools and environments for parallel and distributed systems: Session; 28th Hawaii international conference on system sciences — 1995, volume 2 of Kluwer International Se-

**Zha:2017:IFM**


**Zha:2018:LSM**


**Zaki:1999:TSP**


**Zhou:2012:DFD**


**Zhang:2017:DLN**

REFERENCES


**Zhang:2020:CTE**


**Zhai:2011:CVH**


**Zollweg:1993:OP**


**Zarrelli:2006:EPE**


**Zambonelli:1996:EPP**


**Zheng:2011:GLO**


**Zhao:2012:ASO**

[ZSG12] Xin Zhao, Gopalakrishnan Santhanaraman, and William Gropp. Adaptive strategy for one-sided communication in MPICH2. *Lecture Notes in Computer*


Zijie Zhu, Yongxian Wang, and Xinghua Cheng. Parallel optimization of three-dimensional wedge-shaped...
REFERENCES


**Zareski:1995:EPG**


**Zareski:1995:EPG**

**ZWHS95**

**Zhang:2013:MPI**


**Zhu:2017:OAP**


**Zhang:2021:IRP**

[Jingrong Zhang, Zhihao Wang, Zhiyong Liu, and Fa Zhang. Improve the resolution and parallel performance of the three-dimensional refine algorithm in RELION using CUDA and MPI. *IEEE/ACM Transactions on Computation-
REFERENCES

Zhu:1995:RTC

Zhang:2005:ULC

Zhuang:1995:PRS

Zeyao:2004:AMI

Zheng:2014:IMS

Zhu:2015:PML

[ZWZ+95]
Zhu:1995:RTC

[ZZG+14]
Zhang:2005:ULC

[ZZZ+15]
Zhu:2015:PML
(print),  1532-0634  (electronic).